

# MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT: SUN BUM SPF 50 ZINC OXIDE

DATE: 9/16/14

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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Product Name:	Sun Bum SPF 50 Zinc Oxide
Product Code(s):	30-288PQ Rev 1
Manufacturer:	Product Quest Mfg, LLC
Address:	330 Carswell Avenue, Holly Hill, FL 32117
Phone:	(386) 239-8787 (Hours 8:00AM-5:00PM, Monday thru Friday)
Fax:	(386) 239-8393
Product Use:	Sunscreen

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## SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

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Active Ingredients:	Octisalate – 5.00%; Octinoxate – 7.50%; Oxybenzone – 6.00%; Zinc Oxide – 7.00%
Inactive Ingredients:	Aloe Barbadensis Leaf Extract, Beeswax, Cetyl Dimethicone, Cetyl PEG/PPG-10/1 Dimethicone, Cyclopentasiloxane / Cyclohexasiloxane, Diisopropyl Adipate, DMDM Hydantoin, Ethylhexyl Palmitate, Ethylhexyl Stearate, Fragrance, Glycerin, Hydrated Silica, Hydrogenated Castor Oil, Polyethylene, Sodium Chloride, Theobroma Cacao (Cocoa) Seed Butter, Tocopheryl Acetate, Triethoxycaprylylsilane, Water.

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## SECTION 3: HAZARDS IDENTIFICATION

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Emergency Overview:

Physical Appearance:	Thick, white cream
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Routes of Entry: None

Potential Health Effects:

- Eyes: No harmful effects have been reported upon contact with the eyes.
- Skin: No harmful effects have been reported upon contact with skin.
- Ingestion: No harmful effects have been reported upon ingestion.
- Inhalation: No harmful effects have been reported upon inhalation.
- Acute Health Hazards: None
- Chronic Conditions Generally Aggravated by Exposure: None
- Carcinogenicity: Not listed by NTP, IARC, ACGIH, OR OSHA as a carcinogen.

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## SECTION 4: FIRST AID MEASURES

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Eye Contact:	Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.
Skin Irritation:	Immediately and thoroughly, wash off with soap and water.
Ingestion:	If swallowed, seek medical attention.
Inhalation:	N/A

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## SECTION 5: FIRE-FIGHTING MEASURES

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Flammable Limits in Air, Upper:	N/A
(% by volume) Lower:	N/A
Flash Point:	N/A
Protection:	As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full throttle gear.
Extinguishing media:	CO <sub>2</sub> , dry chemicals, foam or water spray
Special fire fighting procedures:	None
Unusual fire and explosion hazards:	None
Hazardous decomposition product:	None

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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Accidental Release Measures: No special requirements for spills and leaks.

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## SECTION 7: HANDLING AND STORAGE

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Handling: No special handling procedures required.

Storage: Store in a dry location.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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Engineering controls:	Not Required.
Ventilation:	Not Required.
Respiratory Protections:	Not Required
Eye Protection:	Not Required.
Skin Protection:	Not Required.
Other Protective Clothing or Equipment:	None
Work Hygienic Practices:	None
Exposure Guidelines:	None

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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Appearance:	Thick, white cream
Odor:	Characteristic
Physical State:	Cream
pH:	N/A
Specific Gravity (H <sub>2</sub> O = 1):	1.04 – 1.06
Viscosity (Spindle #4 @ 12 RPM):	30,000 – 50,000+ cP
Percent Solids by Weight:	N/A
Boiling Point:	N/A
Melting Point:	N/A
Freezing Point:	N/A
Vapor Pressure:	N/A
Vapor Density (AIR = 1):	N/A
Evaporation Rate:	N/A
Basis (=1):	N/A
Solubility in Water:	Insoluble
Percent Volatile:	N/A
Volatile Organic Compounds (VOC):	N/A
With Water:	N/A
Without Water:	N/A

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## SECTION 10: STABILITY AND REACTIVITY

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Stable:	Yes
Conditions to Avoid:	None
Incompatibility (Materials to Avoid):	None
Hazardous Decomposition or By-Products:	None
Hazardous Polymerization:	None
Conditions to Avoid (Polymerization):	None

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## SECTION 11: TOXICOLOGICAL INFORMATION

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Toxicological Information: No data available.

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**SECTION 12: ECOLOGICAL INFORMATION**

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Ecological Information: No data available.

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**SECTION 13: DISPOSAL CONSIDERATIONS**

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Waste Disposal Method: Dispose of in accordance with Federal, State, and Local laws.

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**SECTION 14: TRANSPORTATION INFORMATION**

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U.S. Department of Transportation

Proper Shipping Name: Not classified as hazardous for transport.

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**SECTION 15: REGULATORY INFORMATION**

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U.S. Federal Regulations

TSCA (Toxic Substance Control Act):

TSCA Regulatory: All international ingredients are listed in the TSCA inventory or comply with TSCA

Polymer exemption criteria per 40 CFR 723.

OSHA Hazard Comm. Rule: This product contains no hazardous products ingredients per OSHA standards

SARA TITLE III (Superfund Amendments and Reauthorization act):

311/312 Hazard categories

Fire: No                      Reactivity: No      Acute: No

313 Reportable ingredients: This product contains no SARA TITLE III, Section 313 listed chemicals.

State Regulations:

Proposition 65 statement: This product contains no California Proposition 65 listed chemicals.

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**SECTION 16: OTHER INFORMATION**

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# MATERIAL SAFETY DATA SHEET



NAME OF PRODUCT: Sun Bum SPF 30 Face Stick

DATE: 11/3/11

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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Product Name:	Sun Bum SPF Face Stick
Product Code(s):	PROPRIETARY
Manufacturer:	Available Upon Request
Product Use:	Sunscreen

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## SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

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Active Ingredients:	Avobenzone - 2.0%; Homosalate – 15.0%; Octinoxate – 7.5%; Octisalate – 5.0%.
Inactive Ingredients:	Ascorbyl Palmitate, Beeswax, BHT, Cetyl Alcohol, Ethylhexyl Palmitate, Euphorbia Cerifera (Candelilla) Wax, Fragrance, Ozokerite, Paraffin, Polyester-8, Polyethylene, Propylparaben, Retinyl Palmitate, Tocopheryl Acetate.

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## SECTION 3: HAZARDS IDENTIFICATION

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### Emergency Overview:

Physical Appearance: Yellow waxy stick

Routes of Entry: None

### Potential Health Effects:

- Eyes: No harmful effects have been reported upon contact with the eyes.
- Skin: No harmful effects have been reported upon contact with skin.
- Ingestion: No harmful effects have been reported upon ingestion.
- Inhalation: No harmful effects have been reported upon inhalation.
- Acute Health Hazards: None
- Chronic Conditions Generally Aggravated by Exposure: None
- Carcinogenicity: Not listed by NTP, IARC, ACGIH, OR OSHA as a carcinogen.

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## SECTION 4: FIRST AID MEASURES

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Eye Contact:	Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.
Skin Irritation:	Immediately and thoroughly, wash off with soap and water.
Ingestion:	If swallowed, seek medical attention.
Inhalation:	N/A

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## SECTION 5: FIRE-FIGHTING MEASURES

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Flammable Limits in Air, Upper:	N/A
(% by volume) Lower:	N/A
Flash Point:	N/A
Protection:	As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full throttle gear.
Extinguishing media:	CO <sub>2</sub> , dry chemicals, foam or water spray
Special fire fighting procedures:	None
Unusual fire and explosion hazards:	None
Hazardous decomposition product:	None

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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Accidental Release Measures: No special requirements for spills and leaks.

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**SECTION 7: HANDLING AND STORAGE**

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Handling: No special handling procedures required.

Storage: Store in a dry location.

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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

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Engineering controls:	Not Required.
Ventilation:	Not Required.
Respiratory Protections:	Not Required
Eye Protection:	Not Required.
Skin Protection:	Not Required.
Other Protective Clothing or Equipment:	None
Work Hygienic Practices:	None
Exposure Guidelines:	None

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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Appearance:	Yellow waxy stick
Odor:	Banana fragrance
Physical State:	Solid waxy stick
pH:	N/A
Specific Gravity (H <sub>2</sub> O = 1):	N/A
Viscosity:	N/A
Percent Solids by Weight:	N/A
Boiling Point:	N/A
Melting Point:	N/A
Freezing Point:	N/A
Vapor Pressure:	N/A
Vapor Density (AIR = 1):	N/A
Evaporation Rate:	N/A
Basis (=1):	N/A
Solubility in Water:	Insoluble
Percent Volatile:	N/A
Volatile Organic Compounds (VOC):	N/A
With Water:	N/A
Without Water:	N/A

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**SECTION 10: STABILITY AND REACTIVITY**

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Stable:	Yes
Conditions to Avoid:	None
Incompatibility (Materials to Avoid):	None
Hazardous Decomposition or By-Products:	None
Hazardous Polymerization:	None
Conditions to Avoid (Polymerization):	None

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**SECTION 11: TOXICOLOGICAL INFORMATION**

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Toxicological Information: No data available.

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**SECTION 12: ECOLOGICAL INFORMATION**

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Ecological Information: No data available.

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**SECTION 13: DISPOSAL CONSIDERATIONS**

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Waste Disposal Method: Dispose of in accordance with Federal, State, and Local laws.

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**SECTION 14: TRANSPORTATION INFORMATION**

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U.S. Department of Transportation  
Proper Shipping Name: Not classified as hazardous for transport.

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**SECTION 15: REGULATORY INFORMATION**

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U.S. Federal Regulations  
TSCA (Toxic Substance Control Act):  
    TSCA Regulatory: All international ingredients are listed in the TSCA inventory or comply with TSCA Polymer exemption criteria per 40 CFR 723.  
    OSHA Hazard Comm. Rule: This product contains no hazardous products ingredients per OSHA standards  
SARA TITLE III (Superfund Amendments and Reauthorization act):  
    311/312 Hazard categories  
        Fire: No      Reactivity: No      Acute: No  
    313 Reportable ingredients: This product contains no SARA TITLE III, Section 313 listed chemicals.  
State Regulations:  
    Proposition 65 statement: This product contains no California Proposition 65 listed chemicals.

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**SECTION 16: OTHER INFORMATION**

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## MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT: Sun Bum SPF 30 Aloe Lip Balm with Vitamin E

DATE: 11/3/11

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### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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Product Name:	Sun Bum SPF 30+ Aloe Lip Balm with Vitamin E
Product Code(s):	PROPRIETARY
Manufacturer:	Available Upon Request
Product Use:	Sunscreen

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### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

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Active Ingredients:	Avobenzone - 2.0%; Homosalate - 15.0%; Octinoxate - 7.5%; Octisalate - 5.0%.
Inactive Ingredients:	Adipic Acid, Algae Extract, Aloe Barbadensis Leaf Extract, Ascorbic Acid, BHT, Calendula Officinalis (Calendula) Extract, Camellia Sinensis (Green Tea) Leaf Extract, Caprylic / Capric Triglyceride, Cetyl Alcohol, Citrus Grandis (Grapefruit) Extract, Citrus Medica Limonum (Lemon) Extract, Cucumis Sativus (Cucumber) Extract, Cyclomethicone, Diethylene Glycol, Diisobutyl Adipate, Dimethicone, Equisetum Arvense (Horsetail) Extract, Ethylhexyl Palmitate, Fragrance, Ginkgo Biloba Extract, Glycerin Crosspolymer, Isostearyl Linoleate, Oleoresin Rosmarinus Officinalis (Rosemary) Extract, Ozokerite, Panax Ginseng Root Extract, PEG-8, Punica Granatum (Pomegranate) Extract, Salix Alba (Willow) Bark Extract, Salvia Officinalis (Sage) Extract, Silica, Sodium Saccharin, Theobroma Cacao (Cocoa) Seed Butter, Tocopheryl Acetate.

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### SECTION 3: HAZARDS IDENTIFICATION

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Emergency Overview:

Physical Appearance: Off white waxy stick

Routes of Entry: None

Potential Health Effects:

- Eyes: No harmful effects have been reported upon contact with the eyes.
- Skin: No harmful effects have been reported upon contact with skin.
- Ingestion: No harmful effects have been reported upon ingestion.
- Inhalation: No harmful effects have been reported upon inhalation.
- Acute Health Hazards: None
- Chronic Conditions Generally Aggravated by Exposure: None
- Carcinogenicity: Not listed by NTP, IARC, ACGIH, OR OSHA as a carcinogen.

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### SECTION 4: FIRST AID MEASURES

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Eye Contact:	Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.
Skin Irritation:	Immediately and thoroughly, wash off with soap and water.
Ingestion:	If swallowed, seek medical attention.
Inhalation:	N/A

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**SECTION 5: FIRE-FIGHTING MEASURES**

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Flammable Limits in Air, Upper: N/A  
(% by volume) Lower: N/A  
Flash Point: N/A  
Protection: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full throttle gear.  
Extinguishing media: CO<sub>2</sub>, dry chemicals, foam or water spray  
Special fire fighting procedures: None  
Unusual fire and explosion hazards: None  
Hazardous decomposition product: None

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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Accidental Release Measures: No special requirements for spills and leaks.

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**SECTION 7: HANDLING AND STORAGE**

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Handling: No special handling procedures required.  
Storage: Store in a dry location.

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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

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Engineering controls:	Not Required.
Ventilation:	Not Required.
Respiratory Protections:	Not Required
Eye Protection:	Not Required.
Skin Protection:	Not Required.
Other Protective Clothing or Equipment:	None
Work Hygienic Practices:	None
Exposure Guidelines:	None

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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Appearance:	Off white waxy stick
Odor:	Banana fragrance
Physical State:	Solid waxy stick
pH:	N/A
Specific Gravity (H <sub>2</sub> O = 1):	N/A
Viscosity:	N/A
Percent Solids by Weight:	N/A
Boiling Point:	N/A
Melting Point:	N/A
Freezing Point:	N/A
Vapor Pressure:	N/A
Vapor Density (AIR = 1):	N/A
Evaporation Rate:	N/A
Basis (=1):	N/A
Solubility in Water:	Insoluble
Percent Volatile:	N/A
Volatile Organic Compounds (VOC):	N/A
With Water:	N/A
Without Water:	N/A



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**SECTION 10: STABILITY AND REACTIVITY**

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Stable:	Yes
Conditions to Avoid:	None
Incompatibility (Materials to Avoid):	None
Hazardous Decomposition or By-Products:	None
Hazardous Polymerization:	None
Conditions to Avoid (Polymerization):	None

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**SECTION 11: TOXICOLOGICAL INFORMATION**

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Toxicological Information: No data available.

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**SECTION 12: ECOLOGICAL INFORMATION**

---

Ecological Information: No data available.

---

**SECTION 13: DISPOSAL CONSIDERATIONS**

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Waste Disposal Method: Dispose of in accordance with Federal, State, and Local laws.

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**SECTION 14: TRANSPORTATION INFORMATION**

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U.S. Department of Transportation  
Proper Shipping Name: Not classified as hazardous for transport.

---

**SECTION 15: REGULATORY INFORMATION**

---

U.S. Federal Regulations  
TSCA (Toxic Substance Control Act):  
    TSCA Regulatory: All international ingredients are listed in the TSCA inventory or comply with TSCA Polymer exemption criteria per 40 CFR 723.  
    OSHA Hazard Comm. Rule: This product contains no hazardous products ingredients per OSHA standards  
SARA TITLE III (Superfund Amendments and Reauthorization act):  
    311/312 Hazard categories  
        Fire: No      Reactivity: No      Acute: No  
    313 Reportable ingredients: This product contains no SARA TITLE III, Section 313 listed chemicals.  
State Regulations:  
    Proposition 65 statement: This product contains no California Proposition 65 listed chemicals.

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**SECTION 16: OTHER INFORMATION**

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## MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT: Sun Bum SPF 30 Sunscreen Lotion (oxy)

DATE: 11/3/11

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### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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Product Name: Sun Bum SPF 30 Sunscreen Lotion  
Product Code(s): PROPRIETARY  
Manufacturer: Available Upon Request Sunscreen  
Product Use:

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### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

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Active Ingredients: Avobenzone – 3.00%; Homosalate – 5.00%; Octisalate – 3.00%; Octocrylene – 2.75%; Oxybenzone – 4.00%

Inactive Ingredients: Behenyl Alcohol, BHT, Butyloctyl Salicylate, Caprylyl Methicone, Dimethicone, Dimethyl Capramide, Disodium EDTA, Ethylhexyl Stearate, Ethylhexylglycerin, Fragrance, Glyceryl Stearate, Methylisothiazolinone, PEG-100 Stearate, Polyaminopropyl Biguanide, Polyester-8, Silica, Sodium Polyacrylate, Styrene/Acrylates Copolymer, Tocopheryl Acetate, Trideceth-6, Trimethylsiloxysilicate, VP/Hexadecene Copolymer, Water, Xanthan Gum.

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### SECTION 3: HAZARDS IDENTIFICATION

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Emergency Overview:

Physical Appearance: Smooth white lotion

Routes of Entry: None

Potential Health Effects:

- Eyes: No harmful effects have been reported upon contact with the eyes.
- Skin: No harmful effects have been reported upon contact with skin.
- Ingestion: No harmful effects have been reported upon ingestion.
- Inhalation: No harmful effects have been reported upon inhalation.
- Acute Health Hazards: None
- Chronic Conditions Generally Aggravated by Exposure: None
- Carcinogenicity: Not listed by NTP, IARC, ACGIH, OR OSHA as a carcinogen.

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### SECTION 4: FIRST AID MEASURES

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Eye Contact: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.  
Skin Irritation: Immediately and thoroughly, wash off with soap and water.  
Ingestion: If swallowed, seek medical attention.  
Inhalation: N/A

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### SECTION 5: FIRE-FIGHTING MEASURES

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Flammable Limits in Air, Upper: N/A  
(% by volume) Lower: N/A  
Flash Point: N/A  
Protection: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full throttle gear.

Extinguishing media: CO<sub>2</sub>, dry chemicals, foam or water spray  
Special fire fighting procedures: None  
Unusual fire and explosion hazards: None  
Hazardous decomposition product: None

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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Accidental Release Measures: No special requirements for spills and leaks.

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**SECTION 7: HANDLING AND STORAGE**

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Handling: No special handling procedures required.  
Storage: Store in a dry location.

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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

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Engineering controls:	Not Required.
Ventilation:	Not Required.
Respiratory Protections:	Not Required
Eye Protection:	Not Required.
Skin Protection:	Not Required.
Other Protective Clothing or Equipment:	None
Work Hygienic Practices:	None
Exposure Guidelines:	None

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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Appearance:	Smooth white lotion
Odor:	Banana/vanilla
Physical State:	Lotion
pH:	5.50 – 6.50
Specific Gravity (H <sub>2</sub> O = 1):	1.00 – 1.03
Viscosity:	15,000 – 35,000 cP
Percent Solids by Weight:	N/A
Boiling Point:	N/A
Melting Point:	N/A
Freezing Point:	N/A
Vapor Pressure:	N/A
Vapor Density (AIR = 1):	N/A
Evaporation Rate:	N/A
Basis (=1):	N/A
Solubility in Water:	Moderate
Percent Volatile:	N/A
Volatile Organic Compounds (VOC):	N/A
With Water:	N/A
Without Water:	N/A

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**SECTION 10: STABILITY AND REACTIVITY**

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Stable:	Yes
Conditions to Avoid:	None
Incompatibility (Materials to Avoid):	None
Hazardous Decomposition or By-Products:	None
Hazardous Polymerization:	None
Conditions to Avoid (Polymerization):	None

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**SECTION 11: TOXICOLOGICAL INFORMATION**

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Toxicological Information: No data available.

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**SECTION 12: ECOLOGICAL INFORMATION**

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Ecological Information: No data available.

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**SECTION 13: DISPOSAL CONSIDERATIONS**

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Waste Disposal Method: Dispose of in accordance with Federal, State, and Local laws.

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**SECTION 14: TRANSPORTATION INFORMATION**

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U.S. Department of Transportation

Proper Shipping Name: Not classified as hazardous for transport.

---

**SECTION 15: REGULATORY INFORMATION**

---

U.S. Federal Regulations

TSCA (Toxic Substance Control Act):

TSCA Regulatory: All international ingredients are listed in the TSCA inventory or comply with TSCA

Polymer exemption criteria per 40 CFR 723.

OSHA Hazard Comm. Rule: This product contains no hazardous products ingredients per OSHA standards

SARA TITLE III (Superfund Amendments and Reauthorization act):

311/312 Hazard categories

Fire: No      Reactivity: No      Acute: No

313 Reportable ingredients: This product contains no SARA TITLE III, Section 313 listed chemicals.

State Regulations:

Proposition 65 statement: This product contains no California Proposition 65 listed chemicals.

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**SECTION 16: OTHER INFORMATION**

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## MATERIAL SAFETY DATA SHEET

**NAME OF PRODUCT:** Sun Bum SPF 30 Continuous Spray Sunscreen (oxy) **DATE:** 11/21/2014

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### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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Product Name:	Sun Bum SPF 30 Continuous Spray Sunscreen
Product Code(s):	PROPRIETARY
Manufacturer:	Available Upon Request
Product Use:	Sunscreen

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### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

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Active Ingredient:	Avobenzene - 3.00%, Homosalate - 10.00%, Octisalate - 3.00%, Octocrylene - 2.75%, Oxybenzone - 3.00%
Inactive Ingredients:	Acrylates/Dimethicone Copolymer, Acrylates / Octylacrylamide Copolymer, Alcohol Denat., Ascorbyl Palmitate, Cyclopentasiloxane, Dimethicone, Fragrance, Polyester-8, PPG-5-Ceteth-20, Tocopheryl Acetate, Trisiloxane.

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### SECTION 3: HAZARDS IDENTIFICATION

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Emergency Overview:	
Physical Appearance:	Clear, yellow liquid
Routes of Entry:	None
Potential Health Effects:	
• Eyes:	No harmful effects have been reported upon contact with the eyes.
• Skin:	No harmful effects have been reported upon contact with skin.
• Ingestion:	No harmful effects have been reported upon ingestion.
• Inhalation:	No harmful effects have been reported upon inhalation.
• Acute Health Hazards:	None
• Chronic Conditions Generally Aggravated by Exposure:	None
• Carcinogenicity:	Not listed by NTP, IARC, ACGIH, OR OSHA as a carcinogen.

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### SECTION 4: FIRST AID MEASURES

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Eye Contact:	Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.
Skin Irritation:	Immediately and thoroughly, wash off with soap and water.
Ingestion:	If swallowed, seek medical attention.
Inhalation:	N/A

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### SECTION 5: FIRE-FIGHTING MEASURES

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Flammable Limits in Air, Upper:	Do not use near fire or flame. Contents under pressure.
(% by volume) Lower:	N/A
Flash Point:	N/A
Protection:	As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full throttle gear.
Extinguishing media:	CO <sub>2</sub> , dry chemicals, foam or water spray
Special fire fighting procedures:	None
Unusual fire and explosion hazards:	None
Hazardous decomposition product:	None

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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Accidental Release Measures: No special requirements for spills and leaks.

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## SECTION 7: HANDLING AND STORAGE

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Handling: **Flammable.** Do not use near fire or flame. Contents under pressure. Do not puncture or incinerate. Keep out of reach of children. Avoid eye contact.

Storage: Do not store at temperatures above 120°F.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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Engineering controls:	Not Required.
Ventilation:	Not Required.
Respiratory Protections:	Not Required
Eye Protection:	Not Required.
Skin Protection:	Not Required.
Other Protective Clothing or Equipment:	None
Work Hygienic Practices:	None
Exposure Guidelines:	None

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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Appearance:	Clear, yellow liquid
Odor:	Tropical/fruity with alcohol odor
Physical State:	Liquid
pH:	N/A
Specific Gravity (H <sub>2</sub> O = 1):	0.84 – 0.88
Viscosity:	N/A
Percent Solids by Weight:	N/A
Boiling Point:	Not Available
Melting Point:	Not Available
Freezing Point:	Not Available
Vapor Pressure:	Not Available
Vapor Density (AIR = 1):	Not Available
Evaporation Rate:	Not Available
Basis (=1):	Not Available
Solubility in Water:	Insoluble
Percent Volatile:	Not Available
Volatile Organic Compounds (VOC):	Not Available
With Water:	Not Available
Without Water:	Not Available

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## SECTION 10: STABILITY AND REACTIVITY

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Stable:	Yes
Conditions to Avoid:	Open flames and high temperatures.
Incompatibility (Materials to Avoid):	Not Available
Hazardous Decomposition or By-Products:	Not Available
Hazardous Polymerization:	Not Available
Conditions to Avoid (Polymerization):	Not Available

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## SECTION 11: TOXICOLOGICAL INFORMATION

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Toxicological Information: No data available.

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**SECTION 12: ECOLOGICAL INFORMATION**

---

Ecological Information: No data available.

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**SECTION 13: DISPOSAL CONSIDERATIONS**

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Waste Disposal Method: Dispose of in accordance with Federal, State, and Local laws.

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**SECTION 14: TRANSPORTATION INFORMATION**

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Limited Quantity

DOT Hazard Classification:

Proper Shipping Name: Aerosol, Flammable

Hazard Class: 2.1

UN Number UN 1950

Packing Group: N/A

IATA: Consumer commodity, Class 9, ID 8000

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**SECTION 15: REGULATORY INFORMATION**

---

U.S. Federal Regulations

TSCA (Toxic Substance Control Act):

TSCA Regulatory: All international ingredients are listed in the TSCA inventory or comply with TSCA Polymer exemption criteria per 40 CFR 723.

OSHA Hazard Comm. Rule: This product contains no hazardous products ingredients per OSHA standards

SARA TITLE III (Superfund Amendments and Reauthorization act):

311/312 Hazard categories

Fire: Yes      Reactivity: No      Acute: No

313 Reportable ingredients: This product contains no SARA TITLE III, Section 313 listed chemicals.

State Regulations:

Proposition 65 statement: This product contains no California Proposition 65 listed chemicals.

---

---

**SECTION 16: OTHER INFORMATION**

---



## MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT: Sun Bum SPF 50 Sunscreen Lotion (oxy)

DATE: 06/24/11

---

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

---

Product Name: Sun Bum SPF 50 Sunscreen Lotion  
Product Code(s): PROPRIETARY  
Manufacturer: Available Upon Request Sunscreen  
Product Use:

---

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

---

Active Ingredients: Avobenzone – 3.00%; Homosalate – 10.00%; Octisalate – 5.00%; Octocrylene – 2.75%; Oxybenzone – 6.00%

Inactive Ingredients: Water, Styrene / Acrylates Copolymer, Butyloctyl Salicylate, Silica, VP / Hexadecene Copolymer, Glyceryl Stearate, PEG-100 Stearate, Polyester-8, Ethylhexyl Stearate, Caprylyl Methicone, Trideceth-6, Dimethicone, Trimethylsiloxysilicate, Sodium Polyacrylate, Behenyl Alcohol, Dimethyl Capramide, Ethylhexylglycerin, Xanthan Gum, Polyaminopropyl Biguanide, Disodium EDTA, BHT, Fragrance, Tocopheryl Acetate, Methylisothiazolinone.

---

### SECTION 3: HAZARDS IDENTIFICATION

---

Emergency Overview:

Physical Appearance: Smooth white lotion

Routes of Entry: None

Potential Health Effects:

- Eyes: No harmful effects have been reported upon contact with the eyes.
- Skin: No harmful effects have been reported upon contact with skin.
- Ingestion: No harmful effects have been reported upon ingestion.
- Inhalation: No harmful effects have been reported upon inhalation.
- Acute Health Hazards: None
- Chronic Conditions Generally Aggravated by Exposure: None
- Carcinogenicity: Not listed by NTP, IARC, ACGIH, OR OSHA as a carcinogen.

---

### SECTION 4: FIRST AID MEASURES

---

Eye Contact: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

Skin Irritation: Immediately and thoroughly, wash off with soap and water.

Ingestion: If swallowed, seek medical attention.

Inhalation: N/A

---

### SECTION 5: FIRE-FIGHTING MEASURES

---

Flammable Limits in Air, Upper: N/A  
(% by volume) Lower: N/A  
Flash Point: N/A

Protection: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full throttle gear.



Extinguishing media: CO<sub>2</sub>, dry chemicals, foam or water spray  
Special fire fighting procedures: None  
Unusual fire and explosion hazards: None  
Hazardous decomposition product: None

---

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

---

Accidental Release Measures: No special requirements for spills and leaks.

---

**SECTION 7: HANDLING AND STORAGE**

---

Handling: No special handling procedures required.  
Storage: Store in a dry location.

---

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

---

Engineering controls:	Not Required.
Ventilation:	Not Required.
Respiratory Protections:	Not Required
Eye Protection:	Not Required.
Skin Protection:	Not Required.
Other Protective Clothing or Equipment:	None
Work Hygienic Practices:	None
Exposure Guidelines:	None

---

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

---

Appearance:	Smooth white lotion
Odor:	Banana/vanilla
Physical State:	Lotion
pH:	5.50 – 6.50
Specific Gravity (H <sub>2</sub> O = 1):	1.00 – 1.04
Viscosity:	20,000 – 40,000 cP
Percent Solids by Weight:	N/A
Boiling Point:	N/A
Melting Point:	N/A
Freezing Point:	N/A
Vapor Pressure:	N/A
Vapor Density (AIR = 1):	N/A
Evaporation Rate:	N/A
Basis (=1):	N/A
Solubility in Water:	Moderate
Percent Volatile:	N/A
Volatile Organic Compounds (VOC):	N/A
With Water:	N/A
Without Water:	N/A

---

**SECTION 10: STABILITY AND REACTIVITY**

---

Stable:	Yes
Conditions to Avoid:	None
Incompatibility (Materials to Avoid):	None
Hazardous Decomposition or By-Products:	None
Hazardous Polymerization:	None
Conditions to Avoid (Polymerization):	None

---

---

**SECTION 11: TOXICOLOGICAL INFORMATION**

---

Toxicological Information: No data available.

---

**SECTION 12: ECOLOGICAL INFORMATION**

---

Ecological Information: No data available.

---

**SECTION 13: DISPOSAL CONSIDERATIONS**

---

Waste Disposal Method: Dispose of in accordance with Federal, State, and Local laws.

---

**SECTION 14: TRANSPORTATION INFORMATION**

---

U.S. Department of Transportation

Proper Shipping Name: Not classified as hazardous for transport.

---

**SECTION 15: REGULATORY INFORMATION**

---

U.S. Federal Regulations

TSCA (Toxic Substance Control Act):

TSCA Regulatory: All international ingredients are listed in the TSCA inventory or comply with TSCA

Polymer exemption criteria per 40 CFR 723.

OSHA Hazard Comm. Rule: This product contains no hazardous products ingredients per OSHA standards

SARA TITLE III (Superfund Amendments and Reauthorization act):

311/312 Hazard categories

Fire: No      Reactivity: No      Acute: No

313 Reportable ingredients: This product contains no SARA TITLE III, Section 313 listed chemicals.

State Regulations:

Proposition 65 statement: This product contains no California Proposition 65 listed chemicals.

---

**SECTION 16: OTHER INFORMATION**

---



## MATERIAL SAFETY DATA SHEET

**NAME OF PRODUCT:** Sun Bum Continuous Spray After Sun

**DATE:** 9/16/2014

---

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

---

Product Name:	Sun Bum Continuous Spray After Sun
Product Code(s):	PROPRIETARY
Manufacturer:	Available Upon Request
Product Use:	Moisturizer

---

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

---

Active Ingredient:	N/A
Inactive Ingredients:	Ethylhexyl Palmitate, Fragrance, Aloe Barbadensis Leaf Extract, Sucumis Sativus (Cucumber) Fruit Extract, Glycerin, Hydrolyzed Elastin, Chamomilla Recutita (Matricaria) Flower Extract, Tocopheryl Acetate.

---

### SECTION 3: HAZARDS IDENTIFICATION

---

Emergency Overview:

Physical Appearance:	Clear, colorless liquid
Routes of Entry:	None
Potential Health Effects:	

- Eyes: No harmful effects have been reported upon contact with the eyes.
- Skin: No harmful effects have been reported upon contact with skin.
- Ingestion: No harmful effects have been reported upon ingestion.
- Inhalation: No harmful effects have been reported upon inhalation.
- Acute Health Hazards: None
- Chronic Conditions Generally Aggravated by Exposure: None
- Carcinogenicity: Not listed by NTP, IARC, ACGIH, OR OSHA as a carcinogen.

---

### SECTION 4: FIRST AID MEASURES

---

Eye Contact:	Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.
Skin Irritation:	Immediately and thoroughly, wash off with soap and water.
Ingestion:	If swallowed, seek medical attention.
Inhalation:	N/A

---

### SECTION 5: FIRE-FIGHTING MEASURES

---

Flammable Limits in Air, Upper:	N/A
(% by volume) Lower:	N/A
Flash Point:	N/A
Protection:	As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full throttle gear.
Extinguishing media:	CO <sub>2</sub> , dry chemicals, foam or water spray
Special fire fighting procedures:	None
Unusual fire and explosion hazards:	None
Hazardous decomposition product:	None

---

---

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

---

Accidental Release Measures: No special requirements for spills and leaks.

---

**SECTION 7: HANDLING AND STORAGE**

---

Handling: Do not use near fire or flame. Contents under pressure. Do not puncture or incinerate.  
Keep out of reach of children. Avoid eye contact.  
Storage: Do not store at temperatures above 120°F.

---

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

---

Engineering controls:	Not Required.
Ventilation:	Not Required.
Respiratory Protections:	Not Required
Eye Protection:	Not Required.
Skin Protection:	Not Required.
Other Protective Clothing or Equipment:	None
Work Hygienic Practices:	None
Exposure Guidelines:	None

---

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

---

Appearance:	Clear, colorless liquid
Odor:	Tropical/fruity
Physical State:	Liquid
pH:	N/A
Specific Gravity (H <sub>2</sub> O = 1):	0.85 – 0.87
Viscosity:	N/A
Percent Solids by Weight:	N/A
Boiling Point:	Not Available
Melting Point:	Not Available
Freezing Point:	Not Available
Vapor Pressure:	Not Available
Vapor Density (AIR = 1):	Not Available
Evaporation Rate:	Not Available
Basis (=1):	Not Available
Solubility in Water:	Miscible
Percent Volatile:	Not Available
Volatile Organic Compounds (VOC):	Not Available
With Water:	Not Available
Without Water:	Not Available

---

**SECTION 10: STABILITY AND REACTIVITY**

---

Stable:	Yes
Conditions to Avoid:	Not Available
Incompatibility (Materials to Avoid):	Not Available
Hazardous Decomposition or By-Products:	Not Available
Hazardous Polymerization:	Not Available
Conditions to Avoid (Polymerization):	Not Available

---

**SECTION 11: TOXICOLOGICAL INFORMATION**

---

Toxicological Information: No data available.

---

---

**SECTION 12: ECOLOGICAL INFORMATION**

---

Ecological Information: No data available.

---

---

**SECTION 13: DISPOSAL CONSIDERATIONS**

---

Waste Disposal Method: Dispose of in accordance with Federal, State, and Local laws.

---

---

**SECTION 14: TRANSPORTATION INFORMATION**

---

Limited Quantity

DOT Hazard Classification:

Proper Shipping Name: Aerosol, Non-Flammable

Hazard Class: 2.2

UN Number UN 1950

Packing Group: N/A

IATA: Consumer commodity, Class 9, ID 8000

---

---

**SECTION 15: REGULATORY INFORMATION**

---

U.S. Federal Regulations

TSCA (Toxic Substance Control Act):

TSCA Regulatory: All international ingredients are listed in the TSCA inventory or comply with TSCA Polymer exemption criteria per 40 CFR 723.

OSHA Hazard Comm. Rule: This product contains no hazardous products ingredients per OSHA standards

SARA TITLE III (Superfund Amendments and Reauthorization act):

311/312 Hazard categories

Fire: No      Reactivity: No      Acute: No

313 Reportable ingredients: This product contains no SARA TITLE III, Section 313 listed chemicals.

State Regulations:

Proposition 65 statement: This product contains no California Proposition 65 listed chemicals.

---

---

**SECTION 16: OTHER INFORMATION**

---

# MSDS *GHS Safety Data Sheet*



## Sun Bum 3 In 1 Leave In

MSDS Number: SUN200

Revision Date: 03/23/2015

Page 1 of 6

1

### PRODUCT AND COMPANY IDENTIFICATION

#### Manufacturer

Available Upon Request

#### Vendor

Sun Bum  
P.O. Box 320598  
Cocoa Beach, FL 32932

**Phone:** 1-877-978-6286  
**Web:** [www.TrustTheBum.com](http://www.TrustTheBum.com)

**Product Name:** Sun Bum 3 In 1 Leave In  
**Revision Date:** 03/23/2015  
**MSDS Number:** SUN200  
**Common Name:** (Preparation)  
**Product Code:** SUN200-05  
**Chemical Family:** Water, Quaternary Ammonium Salt, Fatty Alcohols, Silicone Fluid and Propylene Glycol  
**Chemical Formula:** \*\*\*PROPRIETARY\*\*\*  
**Synonyms:** Leave In, Hair Conditioner, Leave In Conditioner  
**Product Use:** For conditioning of hair. This product is intended for leave in/on use.

### 24 HOUR EMERGENCY CONTACT INFORMATION:

Call: Chem-Tel Inc.  
Domestic: 1-800-255-3924  
International: 1-813-248-0585  
Contract #: MI0002940  
Collect Calls Accepted

While the finished product(s) is not considered hazardous as defined in 29 CFR 1910.1200(d), this Safety Data Sheet contains valuable information critical to the safe handling and proper use of the product.

**For external use only. Keep out of reach of children. Use only as directed.**

2

### HAZARDS IDENTIFICATION

**Route of Entry:** Eyes; Ingestion; Inhalation; Skin. This is a personal care or cosmetic product that is safe for consumers and other users under intended and reasonably foreseeable use.

**Target Organs:** Unknown

**Inhalation:** Not expected to be irritating to the respiratory system.

**Skin:** Can cause occasional mild irritation.  
If irritation occurs, discontinue use of product.

**Eye:** Can have an irritating effect on the eyes.  
May cause irritation.

**Ingestion:** Ingestion is not an applicable route of entry for intended use.  
May be harmful if swallowed.  
If ingested, seek immediate medical attention.

# MSDS GHS Safety Data Sheet

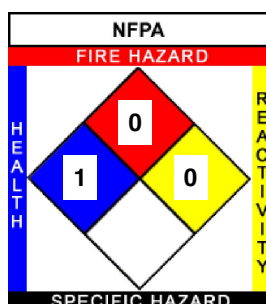
## Sun Bum 3 In 1 Leave In

MSDS Number: SUN200

Revision Date: 03/23/2015

Page 2 of 6

NFPA: Health = 1, Fire = 0, Reactivity = 0  
HMIS III: H\*1/F0/PH0



**GHS Precautionary Statements:**

HMIS III		
HEALTH		1
FLAMMABILITY		0
PHYSICAL HAZARDS		0
PERSONAL PROTECTION		

P102 - Keep out of reach of children.  
P103 - Read label before use.  
P270 - Do not eat, drink or smoke when using this product.

PERSONAL PROTECTION INDEX			
A		G	
B		H	
C		I	
D		J	
E		K	
F		X	Consult your supervisor or S.O.P. for "SPECIAL" handling directions
A		n	
t		u	
o		w	
p		y	
q		z	
r		s	
Additional Information			

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

**Ingredients:**

N/A

### 4 FIRST AID MEASURES

**Inhalation:** If symptoms develop, remove individual from exposure site and into fresh air. Keep individual warm and quiet. If symptoms persist, seek medical attention. If breathing is difficult or other symptoms are noted, seek immediate medical attention.

**Skin Contact:** Remove any contaminated clothing. Wash contaminated area with soap and water. If symptoms persist, seek medical attention. Launder contaminated clothing before re-use.

**Eye Contact:** Flush with large amounts of water. Get medical attention if necessary.

**Ingestion:** If product is ingested do not leave individual unattended. Seek immediate medical attention. Contact a physician, medical facility or poison control center for emergency advice. If individual is drowsy or unconscious, do not give anything by mouth. Place individual on left side with head down. Do not induce vomiting unless specifically directed by qualified personnel.

#### Note to Physicians and First Aid Providers:

The major components here are: Quaternized Fatty Acids, Fatty Alcohols, Glycerin, Fatty Acid Esters, Silicones, Fragrance and Cosmetic Grade preservatives.

A full Ingredient Declaration, confirms other CTFA-approved materials in descending order.

Problems would not normally be anticipated, though adverse reactions can never be ruled out.

### 5 FIRE FIGHTING MEASURES

**Flash Point:** Not applicable (aqueous solution)

# MSDS *GHS Safety Data Sheet*

## Sun Bum 3 In 1 Leave In

MSDS Number: SUN200

Revision Date: 03/23/2015

Page 3 of 6

**Flash Point Method:** Not applicable (aqueous solution)  
**Burning Rate:** Not applicable  
**Autoignition Temp:** Not applicable  
**Flammability:** Not flammable ; Non-combustible.

Use any standard agent - choose the one most appropriate for type of surrounding fire.

Wear self contained breathing apparatus and other protective clothing.

Water spray may be used to soak corrugated shipping containers finished product if involved in a fire.

Fires involving bulk product may be extinguished with carbon dioxide (CO2), dry chemical, and/or foam.

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### ACCIDENTAL RELEASE MEASURES

**Avoid contact with eyes. Watch out for slippery conditions.**

#### For large quantities and bulk spill situations:

- Plastic or rubber gloves, eye protection, and apron may be required for clean up of large spills.
- Do not discharge excess product into drains. Spills should be contained.
- Pick up excess with inert absorbant material and place into separate waste container.
- Ventilate area and wash spill site with soap and water after material pickup is complete.
- Take care to avoid contact with wet surfaces or walkaways that may become slick when product is present.

#### Household settings and small spill scenarios:

- Plastic or rubber gloves, eye protection, and apron may be required for clean up of large spills.
- Wipe up with paper towels or sponge.
- Wash area completely with warm soapy water.
- Watch out for slippery conditions.

7

### HANDLING AND STORAGE

**Handling Precautions:** When using do not eat, drink, or smoke. Consider normal working hygiene. Keep material out of reach of children.

**Storage Requirements:** Recommended storage temperatures 5 Degrees Celcius to 32 Degrees Celcius (40 Degrees Fahrenheit to 90 Degrees Fahrenheit) .  
Store in cool/dry area.  
If product freezes, move to warm area and allow to thaw.

8

### EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** None for general use.

**Personal Protective Equip:** None for general use. Usage of safety glasses/goggles is recommended in bulk situation.

9

### PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** White, Viscous

**Physical State:** Liquid, Viscous, Sprayable

**Odor:**

Fragranced, Characteristic



# MSDS *GHS Safety Data Sheet*

## Sun Bum 3 In 1 Leave In

MSDS Number: SUN200

Revision Date: 03/23/2015

Page 4 of 6

<b>Spec Grav./Density:</b>	1.00 - 1.01 gm/cm3	<b>Solubility:</b>	Partially Insoluble
<b>Viscosity:</b>	6,000 - 8,000 cps (dynamic)	<b>Percent Volatile:</b>	Not applicable
<b>Boiling Point:</b>	>100 Degrees Celcius (212 Degrees Fahrer	<b>Freezing/Melting Pt.:</b>	Not applicable
<b>Vapor Pressure:</b>	Not applicable	<b>Vapor Density:</b>	Not applicable
<b>pH:</b>	5.50 - 6.00	<b>VOC:</b>	Not applicable

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### STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under normal conditions.
<b>Conditions to Avoid:</b>	None under normal use. Oxidation promoting conditions (Heat, Sunlight and Air). Elevated Temperatures and/or Direct Sunlight
<b>Materials to Avoid:</b>	Strong Oxidizing Agents.
<b>Hazardous Decomposition:</b>	Combustion will produce carbon dioxide and, possibly toxic chemicals such as carbon monoxide. Combustion may produce nitrogen oxides (NO) Combustion may produce sulfur oxides (SO)
<b>Hazardous Polymerization:</b>	Will not occur.

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### TOXICOLOGICAL INFORMATION

**Medical Conditions Generally Aggravated by Exposure:** Existing dermatological conditions (such as eczema) may be exacerbated.

#### Acute Toxicity:

Oral ( LD 50): Unknown

Inhalation ( LC 50): Unknown

Skin irritation: Unknown

Eye irritation: Unknown

Sensitation: Unknown

Chronic Toxicity: Unknown

#### Toxicity Data: (Based on composition)

Eye Effects: Not predicted

Skin Effects: Not predicted

Chronic Effects: Unknown

Accute Inhalation Effects: Not predicted

Accute Oral Effects: May cause stomach irritation. Care should be taken not to ingest in large quantities.

Carcinogenicity: None

# MSDS *GHS Safety Data Sheet*

## Sun Bum 3 In 1 Leave In

MSDS Number: SUN200

Revision Date: 03/23/2015

Page 5 of 6

OSHA: No  
NTP: No  
ACGIH: No  
IARC: No

Mutagenicity: None

Teratogenicity: None

### 12 ECOLOGICAL INFORMATION

#### Readily Biodegradable

The product ingredients are to be safe for the environment at concentrations predicted under normal use scenarios. Packaging components are compatible with the conventional solid waste management. \*\*\*Please Recycle\*\*\*

### 13 DISPOSAL CONSIDERATIONS

Disposal should be in accordance with Federal, State/Provincial and Local regulations.

For Household Settings: The following instructions are for consumer usage only. Do not discharge product into natural waters without pre-treatment or adequate dilution.

For Non-Household Settings: Products covered by this Safety Data Sheet, in their original form, when disposed as waste, are considered nonhazardous according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state and federal regulations.

California Waste Code: 331

### 14 TRANSPORT INFORMATION

DOT Class: Not regulated #

UN #: Not regulated

In Consumer (End User) Packaging: Non-hazardous for air, sea and road freight.

North American Ground Transportation (DOT): In Accordance With US Department of Transportation 49 CFR 173.150(e), Products associated with this document have been determined to contain at least 50% water and (Less Than) < 24% alcohol by Volume, therefore these materials are exempt from the US DOT Hazardous Materials Shipping Regulations.

#### Product transported via Air (IATA):

Products associated with this document have been previously determined to be in accordance with the International Air Transport Association Dangerous goods Regulations Special Provision A58. Since the products associated with this document have been determined to be aqueous solutions containing <24% (less than 24%) alcohol by volume, these materials are exempt from IATA DGR.

#### Product transported via Water (IMDG):

Products associated with this document have been previously determined to be in accordance with the International Maritime Dangerous Goods Code Special Provision 144.

Since the products associated with this document have been determined to be aqueous solutions containing <24% (less than 24%) alcohol by

# MSDS *GHS Safety Data Sheet*

## Sun Bum 3 In 1 Leave In

MSDS Number: SUN200

Revision Date: 03/23/2015

Page 6 of 6

volume, these materials are exempt from IMDG Code.

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### REGULATORY INFORMATION

#### **OSHA Regulatory Status:**

This MSDS Contains valuable information critical to the safe handling and proper use of this product. This MSDS should be retained and available for employees and other users of this product.

#### **Fragrances/Parfums**

Perfumes contained within the products covered by this MSDS comply with appropriate IFRA guidance.

#### **Fragrance/Allergen Review**

The European Union (EU) has identified 26 fragrance components as potential allergens the threshold limits are set at the following levels:

0.001% for Leave In/On Products

#### **For EU Distribution**

This product may contain the preceding substances as components of the fragrance/flavor/parfum or aroma.

#### **For U.S. Distribution**

No such declaration need be made.

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### OTHER INFORMATION

#### **Disclaimer:**

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).

The information contained here has been compiled from sources considered by La Dove Inc. to be dependable and accurate to the best of the Company's knowledge. It is not intended to be an all-inclusive on word wide hazard communications regulations.

This information only describes safety measures and no liability may arise from the use or application for the product described herein. This information is given in good faith and based on our current knowledge of the product.

# 2023 DEALER ORDER FORM

SUN BUM

BROOKE NICKSON

[b.nicksonagencies@gmail.com](mailto:b.nicksonagencies@gmail.com)

Phone: 705-220-1803

MINIMUM ORDER \$250.00

Terms: Net 30 Days

Freight: FOB SUN BUM



PO # \_\_\_\_\_

DATE \_\_\_\_\_

STORE \_\_\_\_\_

PURCH. NAME \_\_\_\_\_

DATE REQUIRED \_\_\_\_\_

SIGNATURE \_\_\_\_\_

## SUN BUM

ORIGINAL SUN CARE							
ACC-2540630		SPF 30 SUNSCREEN LOTION	6	EACH	12.35		
ACC-2540650		SPF 50 SUNSCREEN LOTION	6	EACH	12.35		
ACC-2542030		SPF 30 SUNSCREEN SPRAY	6	EACH	13.53		
ACC-2542050		SPF 50 SUNSCREEN SPRAY	6	EACH	13.53		
ACC-2545030		SPF 30 FACE STICK	6	EACH	8.82		
ACC-2545090		SPF 50 FACE CREAM	6	EACH	8.82		
ACC-2545092		SPF 50 FACE LOTION - CA	6	EACH	11.76		
ACC-2545350		SPF 45 FACE MIST	6	EACH	13.53		

# 2023 DEALER ORDER FORM

SUN BUM

BROOKE NICKSON

[b.nicksonagencies@gmail.com](mailto:b.nicksonagencies@gmail.com)

Phone: 705-220-1803

MINIMUM ORDER \$250.00

Terms: Net 30 Days

Freight: FOB SUN BUM



PO # \_\_\_\_\_

DATE \_\_\_\_\_







STORE \_\_\_\_\_

PURCH. NAME \_\_\_\_\_

DATE REQUIRED \_\_\_\_\_

SIGNATURE \_\_\_\_\_

## SUN BUM

MINERAL						
ACC-2562230		MINERAL SPRAY 60Z - SPF 30	6	EACH	15.29	
ACC-2562250		MINERAL SPRAY 60Z - SPF 50	6	EACH	15.29	
ACC-2562335		MINERAL FACE STICK - SPF 50- CA	6	EACH	10.00	
ACC-2562350		MINERAL LOTION - SPF 50 - 30Z- CA	6	EACH	12.35	
LIP BALM						
ACC-7542063		36 PACK LIP BALM TRAY 12- BANANA, 12- WATERMELON, 12- COCONUT	1	CASE	105.88	
DAY TRIPPER						
ACC-2575075		THE GETAWAY PACK	6	EACH	23.53	

# 2023 DEALER ORDER FORM

SUN BUM

BROOKE NICKSON

[b.nicksonagencies@gmail.com](mailto:b.nicksonagencies@gmail.com)

Phone: 705-220-1803

MINIMUM ORDER \$250.00

Terms: Net 30 Days

Freight: FOB SUN BUM



PO # \_\_\_\_\_

DATE \_\_\_\_\_

STORE \_\_\_\_\_

PURCH. NAME \_\_\_\_\_

DATE REQUIRED \_\_\_\_\_

SIGNATURE \_\_\_\_\_

## SUN BUM

ORIGINAL AFTER SUM						
ACC-2540685		COOL DOWN LOTION	6	EACH	9.41	
ACC-2545088		COOL DOWN SPRAY	6	EACH	10.59	
BABY BUM SUN CARE						
ACC-3555050		SPF 50 STICK - FF	6	EACH	8.82	
ACC-3552050		BABY BUM - SPF 50 SPRAY (CAN)	6	EACH	11.76	
ACC-3550350		SPF 50 LOTION - FF	6	EACH	11.76	
ACC-3580017		BABY BUM DETANGLER - CANADA	6	EACH	4.71	
HAIR						
ACC-8541020		3 IN 1 LEAVE IN 6 OZ	6	EACH	11.76	
ACC-8541045		BLONDE HAIR LIGHTENER	6	EACH	11.76	
ACC-8541120		TONE ENHANCER	6	EACH	11.76	

# 2023 DEALER ORDER FORM

SUN BUM

BROOKE NICKSON

[b.nicksonagencies@gmail.com](mailto:b.nicksonagencies@gmail.com)

Phone: 705-220-1803

MINIMUM ORDER \$250.00

Terms: Net 30 Days

Freight: FOB SUN BUM



PO # \_\_\_\_\_

DATE \_\_\_\_\_








STORE \_\_\_\_\_

PURCH. NAME \_\_\_\_\_

DATE REQUIRED \_\_\_\_\_

SIGNATURE \_\_\_\_\_

## SUN BUM

TANNING						
ACC-2550105		SPF 15 TANNING OIL	6	EACH	14.12	
ITEM PART NUMBER	ITEM IMAGE	PRINTED DESCRIPTION	QTY./CASE	DEALER PRICE EACH/CASE	CDN DEALER COST	QTY TO ORDER
SUN BUM LIFESTYLE						
ACC-4030010		LUCKY BUM FIGURE KEYCHAIN	6	EACH	5.87	
ACC-4030030		BEACH FLYER	6	EACH	10.58	
ACC-4030020		BEACH FOOTBALL	6	EACH	12.93	
ACC-4030050		BEACH PADDLEBALL SET	6	EACH	14.11	
ACC-4030060		BEACH TOWEL - SONNY / YELLOW	6	EACH	20.59	
ACC-4030092		SONNY SKIPPER	6	EACH	7.65	



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SDS Revision: 1.3

SDS Revision Date: 11/11/2019

## 1. PRODUCT & COMPANY IDENTIFICATION

1.1	Product Name:	<b>SUN BUM BLONDE TONE ENHANCER</b>
1.2	Chemical Name:	Aqueous Solution
1.3	Synonyms:	SB#157
1.4	Trade Names:	Sun Bum Blonde Tone Enhancer
1.5	Product Use:	Personal Sundry
1.6	Distributor's Name:	<b>Sun Bum LLC</b>
1.7	Distributor's Address:	444 S Coast Hwy 101, Encinitas, CA 92024 USA
1.8	Emergency Phone:	<b>PERS +1 (801) 629-0667 / +1 (800) 633-8253 (CN11522)</b>
1.9	Business Phone / Fax:	+1 (321) 255-3250

## 2. HAZARDS IDENTIFICATION

2.1	Hazard Identification:	Prepared in accordance with UN Globally Harmonized standards. Intended to comply with OSHA 29 CFR 1910.1200. Canadian WHMIS and Australian Work Health and Safety <b>WARNING! CAUSES EYE IRRITATION.</b> Classification: Eye Irrit. 2B
2.2	Label Elements:	<u>Hazard Statements</u> (H): H320 – Causes eye irritation. <u>Precautionary Statements</u> (P): P264 – Wash thoroughly after handling. P305+P351+P338 – IF IN EYES: Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 – if eye irritation persists: Get medical advice/attention.
2.3	Other Warnings:	In the event of an exposure or medical inquiry involving this product, please contact a physician or local poison control center, who may seek advice from the U.S. manufacturer, and show them this SDS. <b>KEEP OUT OF REACH OF CHILDREN.</b>

## 3. COMPOSITION & INGREDIENT INFORMATION

CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	EXPOSURE LIMITS IN AIR (mg/m³)									OTHER
					ACGIH		NOHSC			OSHA				
					ppm		ppm			ppm				
					TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH		
WATER	7732-18-5	ZC0110000	231-191-2	60-100	NA	NA	NF	NF	NF	NA	NA	NA		
BUTYLENE GLYCOL	107-88-0	EK0440000	203-529-7	5-25	NA	NA	NF	NF	NA	NA	NA	NA		
TRISILOXANE	107-51-7	NA	203-497-4	1-5	NA	NA	NF	NF	NA	NA	NA	NA		
	Flam. Liq. 3; H226													
BEHENTRIMONIUM CHLORIDE	17301-53-0	NA	241-327-0	1-5	NA	NA	NF	NF	NA	NA	NA	NA		
STEARYL ALCOHOL	112-92-5	RG2010000	204-017-6	1-5	NA	NA	NF	NF	NA	NA	NA	NA		
CETYL ALCOHOL	36653-82-4	MM0225000	253-149-0	1-5	NA	NA	NF	NF	NA	NA	NA	NA		
PHENOXYETHANOL	122-99-6	KM0350000	204-589-7	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
CINNAMIDOPROPYLTRIMONIUM CHLORIDE	Acute Tox. 4 *: Eye Irrit. 2A; H302, H319													
	177190-98-6	NA	NA	0-1	NA	NA	NF	NF	NA	NA	NA	NA		
QUATERNIUM-80	134737-05-6	NA	NA	0-1	NA	NA	NF	NF	NA	NA	NA	NA		
VIOLA ODORATA EXTRACT	90147-36-7	NA	NA	0-1	NA	NA	NF	NF	NA	NA	NA	NA		
SPIRULINA PLATENSIS EXTRACT	223751-80-2	NA	NA	0-1	NA	NA	NF	NF	NA	NA	NA	NA		
ARGANANIA SPINOSA KERNEL OIL	299184-75-1	NA	NA	0-1	NA	NA	NF	NF	NA	NA	NA	NA		
MUSA SAPIENTUM (BANANA) PULP EXTRACT	89957-82-4	NA	289-602-4	0-1	NA	NA	NF	NF	NF	NA	NA	NA		
MUSA SAPIENTUM (BANANA) PEEL EXTRACT	89957-82-4	NA	289-602-4	0-1	NA	NA	NF	NF	NF	NA	NA	NA		
MUSA SAPIENTUM (BANANA) LEAF EXTRACT	89957-82-4	NA	289-602-4	0-1	NA	NA	NF	NF	NF	NA	NA	NA		
MUSA SAPIENTUM (BANANA) FLOWER EXTRACT	89957-82-4	NA	289-602-4	0-1	NA	NA	NF	NF	NF	NA	NA	NA		





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## 3. COMPOSITION & INGREDIENT INFORMATION – cont'd

CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	EXPOSURE LIMITS IN AIR (mg/m³)									OTHER
					ACGIH		NOHSC			OSHA				
					ppm		ppm			ppm				
					TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH		
HYDROLYZED QUINOA	227025-12-9	NA	309-353-8	0-1	NA	NA	NF	NF	NA	NA	NA	NA		
HELIANTHUS ANNUUS (SUNFLOWER) SEED OIL	8001-21-6	NA	232-273-9	0-1	NA	NA	NF	NF	NF	NA	NA	NA		
COCOS NUCIFERA (COCONUT) OIL	8001-31-8	GG6040000	232-282-8	0-1	NA	NA	NF	NF	NF	NA	NA	NA		
GLYCERIN	56-81-5	MA8050000	200-289-5	0-1	NA	NA	NF	NF	NA	NA	NA	NA		
PANTHENOL	16485-10-2	ES43160000	240-540-6	0-1	NA	NA	NF	NF	NF	NA	NA	NA		
ETHYLHEXYLGLYCERIN	70445-33-9	NA	408-080-2	0-1	NA	NA	NF	NF	NF	NA	NA	NA		
CI 60730 (EXT VIOLET 2)	4430-18-6	NA	NA	0-1	NA	NA	NF	NF	NA	NA	NA	NA		
BENZYL BENZOATE	120-51-4	NA	204-402-9	0-0.1	NA	NA	NF	NF	NF	NA	NA	NA	ALLERGEN	
	Acute Tox. Oral 4; Acute Tox. Dermal 5; Aquatic acute 2; Aquatic Chronic 2; H302, H313, H411													
COUMARIN	91-64-5	NA	202-086-7	0-0.1	NA	NA	NF	NF	NF	NA	NA	NA	ALLERGEN	
	Acute Tox. Oral 3; Aquatic Acute 3; H301, H402													
HYDROXYCITRONELLAL	107-75-5	RG7850000	203-518-7	0-0.1	NA	NA	NF	NF	NF	NA	NA	NA	ALLERGEN	
	Skin Irrit. 2; Eye Irrit. 2A; Skin Sens. 1; H315, H317, H319													

## 4. FIRST AID MEASURES

4.1	First Aid:	<p><u>Ingestion:</u> If ingested, do not induce vomiting. If the patient is vomiting, continue to offer water or milk. Never give water or milk to an unconscious person. Contact the nearest Poison Control Center or local emergency number. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed.</p> <p><u>Eyes:</u> Splashes are not likely; however, if product gets in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes lifting upper and lower lids, occasionally.</p> <p><u>Skin:</u> Wash thoroughly with soap and water. In case of contact, immediately flush skin with plenty of water for at least 15 minutes.</p> <p><u>Inhalation:</u> Remove victim to fresh air at once. If breathing difficult, administer oxygen. If breathing stops give artificial respiration. Keep person warm, quiet and get medical attention.</p>															
4.2	Effects of Exposure:	<p><u>Ingestion:</u> If product is swallowed, may cause nausea, vomiting and/or diarrhea.</p> <p><u>Eyes:</u> Moderately irritating to the eyes. Symptoms of overexposure may include redness, itching, irritation and watering.</p> <p><u>Skin:</u> May be irritating to skin. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in some sensitive individuals.</p> <p><u>Inhalation:</u> None expected.</p>															
4.3	Symptoms of Overexposure:	<p><u>Ingestion:</u> Nausea, intestinal discomfort, vomiting and/or diarrhea.</p> <p><u>Eyes:</u> Overexposure in eyes may cause redness, itching and watering.</p> <p><u>Skin:</u> Symptoms of skin overexposure may include redness, itching, and irritation of affected areas. Product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in some individuals.</p>															
4.4	Acute Health Effects:	Non-irritating when used as directed. Moderate irritation to eyes and skin near affected areas. Additionally, high concentrations of vapors can cause drowsiness, dizziness, headaches and nausea.															
4.5	Chronic Health Effects:	Non-irritating when used as directed. Overexposure may trigger asthma-like symptoms in some sensitive individuals. May also induce skin sensitization and respiratory hypersensitivity. Possible allergic dermatitis.															
4.6	Target Organs:	Eyes															
4.7	Medical Conditions Aggravated by Exposure:	Pre-existing dermatitis, other skin conditions, and disorders of the target organs (eyes).															
		<table><tr><td colspan="2">HEALTH</td><td>1</td></tr><tr><td colspan="2">FLAMMABILITY</td><td>0</td></tr><tr><td colspan="2">PHYSICAL HAZARDS</td><td>0</td></tr><tr><td colspan="2">PROTECTIVE EQUIPMENT</td><td>A</td></tr><tr><td>EYES</td><td></td><td></td></tr></table>	HEALTH		1	FLAMMABILITY		0	PHYSICAL HAZARDS		0	PROTECTIVE EQUIPMENT		A	EYES		
HEALTH		1															
FLAMMABILITY		0															
PHYSICAL HAZARDS		0															
PROTECTIVE EQUIPMENT		A															
EYES																	



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## 5. FIREFIGHTING MEASURES

5.1	Fire & Explosion Hazards:	This product is not flammable. However, if involved in a fire, this product may decompose at high temperatures to form toxic gases (e.g., CO, CO <sub>2</sub> ).	
5.2	Extinguishing Methods:	Water, Foam, CO <sub>2</sub> , Dry Chemical. Use water spray to cool unopened containers.	
5.3	Firefighting Procedures:	Fight fires as for surrounding materials. As in any fire, wear MSHA/NIOSH approved self-contained breathing apparatus (pressure-demand) and full protective gear. Keep containers cool until well after the fire is out. Use water spray to cool fire-exposed surfaces and to protect personal. Fight fire upwind. Avoid spraying water directly into storage containers because of danger of boil-over. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway. Firefighters must use full bunker gear including NIOSH-approved positive pressure self-contained breathing apparatus to protect against potential hazardous combustion or decomposition products and oxygen deficiencies.	


## 6. ACCIDENTAL RELEASE MEASURES

6.1	Spills:	<p>Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment. CAUTION – may be slippery if spilled.</p> <p>For <u>small spills</u> (e.g., &lt; 1 gallon (3.8 L)) wear appropriate personal protective equipment (e.g., goggles, gloves). Maximize ventilation (open doors and windows). Remove spilled material with absorbent material and place into appropriate closed container(s) for disposal. Dispose of properly in accordance with local, state and federal regulations. Wash all affected areas and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse.</p> <p>For <u>large spills</u> (e.g., ≥ 1 gallon (3.8 L)), deny entry to all unprotected individuals. Dike and contain spill with inert material (e.g., sand or earth). Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for proper disposal. Remove contaminated clothing promptly and wash affected skin areas with soap and water. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.</p>
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## 7. HANDLING & STORAGE INFORMATION

7.1	Work & Hygiene Practices:	Avoid eye contact.
7.2	Storage & Handling:	Use and store in a cool, dry, well-ventilated location (e.g., local exhaust ventilation, fans). Keep away from excessive heat and open flames. Avoid temperatures above 120 °F. Keep away from incompatible substances. Protect containers from physical damage.
7.3	Special Precautions:	Spilled material may present a slipping hazard if left unattended. Clean all spills promptly.

## 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1	Exposure Limits: ppm (mg/m³)	CHEMICAL NAME(S)	ACGIH		NIOSH			OSHA			OTHER
			TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH	
8.2	Ventilation & Engineering Controls:	General mechanical (e.g., fans) or natural ventilation is sufficient when this product is in use.									
8.3	Respiratory Protection:	None required if used in a well-ventilated area.									
8.4	Eye Protection:	Avoid eye contact. Protective eyewear (e.g., safety glasses with side-shield) is recommended at all times when handling this product. Always use protective eyewear when cleaning spills or leaks.									
8.5	Hand Protection:	None required under normal conditions of use.									
8.6	Body Protection:	None required under normal conditions of use.									

## 9. PHYSICAL & CHEMICAL PROPERTIES

9.1	Appearance:	Purple, opaque viscous liquid
9.2	Odor:	Characteristic Fragrance
9.3	Odor Threshold:	NA
9.4	pH:	5.1 – 6.1
9.5	Melting Point/Freezing Point:	NA
9.6	Initial Boiling Point/Boiling Range:	> 100 °C (> 212 °F)
9.7	Flashpoint:	NA
9.8	Upper/Lower Flammability Limits:	NA
9.9	Vapor Pressure:	NA
9.10	Vapor Density:	NA
9.11	Relative Density:	NA
9.12	Solubility:	Partially Insoluble
9.13	Partition Coefficient (log P <sub>ow</sub> ):	NA
9.14	Autoignition Temperature:	NA
9.15	Decomposition Temperature:	NA
9.16	Viscosity:	> 13,5000 cPs
9.17	Other Information:	NA



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## 10. STABILITY & REACTIVITY

10.1	Stability:	This product is stable.
10.2	Hazardous Decomposition Products:	Oxides of carbon and nitrogen
10.3	Hazardous Polymerization:	Will not occur.
10.4	Conditions to Avoid:	Open flames, sparks, high heat and direct sunlight.
10.5	Incompatible Substances:	Strong oxidizing agents.

## 11. TOXICOLOGICAL INFORMATION

11.1	Routes of Entry:	Inhalation: YES	Absorption: YES	Ingestion: YES
11.2	Toxicity Data:	This product has not been tested on animals to obtain toxicological data. There are toxicology data for the components of this product, which are found in the scientific literature. This data has not been presented in this document. This product is neither a primary eye nor primary skin irritant per Federal Hazardous Substances Act (FHSA) regulations.		
11.3	Acute Toxicity:	See Section 4.4		
11.4	Chronic Toxicity:	See Section 4.5		
11.5	Suspected Carcinogen:	This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> .		
11.6	Reproductive Toxicity:	This product is not reported to produce reproductive toxicity in humans.		
	Mutagenicity:	This product is not reported to produce mutagenic effects in humans.		
	Embryotoxicity:	This product is not reported to produce embryotoxic effects in humans.		
	Teratogenicity:	This product is not reported to cause teratogenic effects in humans.		
	Reproductive Toxicity:	This product is not reported to cause reproductive effects in humans.		
11.7	Irritancy of Product:	The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) upon prolonged or repeated exposure.		
11.8	Biological Exposure Indices:	NE		
11.9	Physician Recommendations:	Treat symptomatically.		

## 12. ECOLOGICAL INFORMATION

12.1	Environmental Stability:	The components of this product will slowly degrade over time into a variety of organic compounds.
12.2	Effects on Plants & Animals:	There are no specific data available for this product.
12.3	Effects on Aquatic Life:	Product is expected to rapidly disperse in the aquatic environment.

## 13. DISPOSAL CONSIDERATIONS

13.1	Waste Disposal:	Review current local, state and federal laws, codes, statutes and regulations to determine current status and appropriate disposal method for the ingredients listed in Section 2. Any disposal practice must be in compliance with local, state, and federal laws and regulations.
13.2	Special Considerations:	Contact the federal, state or provincial environmental authority to determine suitability for recycling and or proper disposal requirements. CA State Waste Code: 331

## 14. TRANSPORTATION INFORMATION

The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR.

14.1	49 CFR (GND):	NOT REGULATED
14.2	IATA (AIR):	NOT REGULATED
14.3	IMDG (OCN):	NOT REGULATED
14.4	TDGR (Canadian GND):	NOT REGULATED
14.5	ADR/RID (EU):	NOT REGULATED
14.6	SCT (MEXICO):	NOT REGULATED
14.7	ADGR (AUS):	NOT REGULATED



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## 15. REGULATORY INFORMATION

15.1	SARA Reporting Requirements:	This product does not contain any substances subject to SARA Title III, Section 313 reporting requirements.
15.2	SARA TPQ:	There are no specific Threshold Planning Quantities for the components of this product.
15.3	TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory.
15.4	CERCLA Reportable Quantity:	NA
15.5	Other Federal Requirements:	This material does not contain any hazardous air pollutants. None of the components in this product are listed as priority pollutants under the CWA. None of the components in this product are listed as toxic pollutants under the CWA.
15.6	Other Canadian Regulations:	This product has been classified according to the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDL. None of the components of this product are listed on the Priorities Substances List. WHMIS D2B (Other Toxic Effects) 
15.7	State Regulatory Information:	No ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI).
15.8	Other Requirements:	This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

## 16. OTHER INFORMATION

16.1	Other Information:	<b>WARNING! CAUSES EYE IRRITATION.</b> Use only as directed. Discontinue use immediately if irritation develops. If in eyes Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention if irritation persists. <b>KEEP OUT OF REACH OF CHILDREN.</b>	
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.	
16.3	Disclaimer:	This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate's & Sun Bum's knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.	
16.4	Prepared for:	<b>Sun Bum LLC</b> 444 S Coast Hwy 101 Encinitas, CA 92024 USA Tel: +1 (321) 255-3250 <a href="http://www.trustthebum.com/">http://www.trustthebum.com/</a>	
16.5	Prepared by:	<b>ShipMate, Inc.</b> P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 <a href="http://www.shipmate.com">http://www.shipmate.com</a>	



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## DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

### GENERAL INFORMATION:

<b>CAS No.</b>	Chemical Abstract Service Number
<b>RTECS No.</b>	Registry of Toxic Effects of Chemical Substances Number
<b>EINECS No.</b>	European Inventory of Existing Commercial Chemical Substances Number

### EXPOSURE LIMITS IN AIR:

<b>ACGIH</b>	American Conference on Governmental Industrial Hygienists
<b>IDLH</b>	Immediately Dangerous to Life and Health
<b>NOHSC</b>	National Occupational Health and Safety Commission (Australia)
<b>OSHA</b>	U.S. Occupational Safety and Health Administration
<b>PEL</b>	Permissible Exposure Limit
<b>STEL</b>	Short Term Exposure Limit
<b>TLV</b>	Threshold Limit Value
<b>TWA</b>	Time Weighted Average

### FIRST AID MEASURES:

<b>CPR</b>	Cardiopulmonary resuscitation - method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body.
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### HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

### HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

<b>0</b>	Minimal Hazard
<b>1</b>	Slight Hazard
<b>2</b>	Moderate Hazard
<b>3</b>	Severe Hazard
<b>4</b>	Extreme Hazard

<b>HEALTH</b>
<b>FLAMMABILITY</b>
<b>PHYSICAL HAZARDS</b>
<b>PERSONAL PROTECTION</b>

### PERSONAL PROTECTION RATINGS:

<b>A</b>	
<b>B</b>	
<b>C</b>	
<b>D</b>	
<b>E</b>	
<b>F</b>	

<b>G</b>	
<b>H</b>	
<b>I</b>	
<b>J</b>	
<b>K</b>	
<b>X</b>	Consult your supervisor or SOPs for special handling directions.

Safety Glasses	Splash Goggles	Face Shield & Protective Eyewear	Gloves
Boots	Protective Apron	Protective Clothing & Full Suit	Dust Respirator
Full Face Respirator	Dust & Vapor Half-Mask Respirator	Full Face Respirator	Airline Hood/Mask or SCBA

### OTHER STANDARD ABBREVIATIONS:

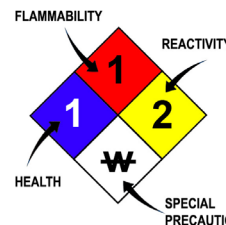
<b>Carc</b>	Carcinogenic
<b>Irrit</b>	Irritant
<b>NA</b>	Not Available
<b>NR</b>	No Results
<b>ND</b>	Not Determined
<b>NE</b>	Not Established
<b>NF</b>	Not Found
<b>SCBA</b>	Self-Contained Breathing Apparatus
<b>Sens</b>	Sensitization
<b>STOT RE</b>	Specific Target Organ Toxicity – Repeat Exposure
<b>STOT SE</b>	Specific Target Organ Toxicity – Single Exposure

### NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILITY LIMITS IN AIR:	
<b>Autoignition Temperature</b>	Minimum temperature required to initiate combustion in air with no other source of ignition
<b>LEL</b>	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source
<b>UEL</b>	Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source

### HAZARD RATINGS:

<b>0</b>	Minimal Hazard
<b>1</b>	Slight Hazard
<b>2</b>	Moderate Hazard
<b>3</b>	Severe Hazard
<b>4</b>	Extreme Hazard
<b>ACD</b>	Acidic
<b>ALK</b>	Alkaline
<b>COR</b>	Corrosive
<b>W</b>	Use No Water
<b>OX</b>	Oxidizer
<b>TREFOIL</b>	Radioactive



### TOXICOLOGICAL INFORMATION:

<b>LD<sub>50</sub></b>	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
<b>LC<sub>50</sub></b>	Lethal concentration (gases) which kills 50% of the exposed animal
<b>ppm</b>	Concentration expressed in parts of material per million parts
<b>TD<sub>10</sub></b>	Lowest dose to cause a symptom
<b>TCLO</b>	Lowest concentration to cause a symptom
<b>TD<sub>10</sub>, LD<sub>10</sub>, &amp; LD<sub>50</sub> or TC, TC<sub>50</sub>, LC<sub>10</sub>, &amp; LC<sub>50</sub></b>	Lowest dose (or concentration) to cause lethal or toxic effects
<b>IARC</b>	International Agency for Research on Cancer
<b>NTP</b>	National Toxicology Program
<b>RTECS</b>	Registry of Toxic Effects of Chemical Substances
<b>BCF</b>	Bioconcentration Factor
<b>TL<sub>m</sub></b>	Median threshold limit
<b>log K<sub>ow</sub> or log K<sub>oc</sub></b>	Coefficient of Oil/Water Distribution

### REGULATORY INFORMATION:

<b>WHMIS</b>	Canadian Workplace Hazardous Material Information System
<b>DOT</b>	U.S. Department of Transportation
<b>TC</b>	Transport Canada
<b>EPA</b>	U.S. Environmental Protection Agency
<b>DSL</b>	Canadian Domestic Substance List
<b>NDSL</b>	Canadian Non-Domestic Substance List
<b>PSL</b>	Canadian Priority Substances List
<b>TSCA</b>	U.S. Toxic Substance Control Act
<b>EU</b>	European Union (European Union Directive 67/548/EEC)
<b>WGK</b>	Wassergefährdungsklassen (German Water Hazard Class)

### WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

### CLP/GHS (1272/2008/EC) PICTOGRAMS:

GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment



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SDS Revision Date: 8/22/2019

## 1. PRODUCT & COMPANY IDENTIFICATION

1.1	Product Name:	<b>BABY BUM SPF50 MINERAL BABY LOTION</b>
1.2	Chemical Name:	Aqueous Solution
1.3	Synonyms:	SB#180
1.4	Trade Names:	Baby Bum SPF50 Mineral Baby Lotion
1.5	Product Uses & Restrictions:	Personal Sundry
1.6	Distributor's Name:	<b>Sun Bum LLC</b>
1.7	Distributor's Address:	444 S Coast Hwy 101, Encinitas, CA 92024 USA
1.8	Emergency Phone:	<b>PERS +1 (801) 629-0667 / +1 (800) 633-8253 (CN11522)</b>
1.9	Business Phone / Fax:	+1 (321) 255-3250

## 2. HAZARDS IDENTIFICATION

2.1	Hazard Identification:	<b>WARNING! CAUSES EYE IRRITATION.</b> <u>Classification:</u> Eye Irrit 2B
2.2	Label Elements:	<u>Hazard Statements</u> (H): H320 – Causes eye irritation. <u>Precautionary Statements</u> (P): P264 – Wash thoroughly after handling. P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 – If eye irritation persists get medical advice/attention. P333+P313 – If skin irritation or rash occurs: Get medical advice/attention. P321 – Specific treatment: see Section 4 of this SDS.
2.3	Other Warnings:	<b>KEEP OUT OF REACH OF CHILDREN.</b>

## 3. COMPOSITION & INGREDIENT INFORMATION

CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	EXPOSURE LIMITS IN AIR (mg/m <sup>3</sup> )									OTHER
					ACGIH		NOHSC			OSHA				
					ppm		ppm			ppm				
					TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH		
WATER	7732-18-5	ZC0110000	231-791-2	25-50	NA	NA	NF	NF	NF	NA	NA	NA		
BUTYLOCTYL SALICYLATE	190085-41-7 Aq. Chronic 1	NA	NA	5-25	NA	NA	NF	NF	NF	NA	NA	NA		
COCOS NUCIFERA (COCONUT) OIL	8001-31-8	GG6040000	232-282-8	5-25	NA	NA	NF	NF	NF	NA	NA	NA		
ZINC OXIDE	1314-13-2 Aq. Acute 1, Aq. Chronic 1; H400, H410	NA	233-466-0	5-25	NA	NA	NF	NF	NF	NA	NA	NA		
ARACHIDYL ALCOHOL	629-96-9	NA	211-119-4	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
BUTYROSPERMUM PARKII (SHEA) BUTTER	194043-92-0	NA	293-515-7	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
CAPRYLOYL GLYCERIN SEBACIC ACID COPOLYMER	1190099-88-7	NA	NA	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
CETEARYL ALCOHOL	8005-44-5	NA	267-008-6	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
DIHEPTYL SUCCINATE	15872-89-6	NA	NA	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
METHYL DIHYDROABIETATE	33892-18-1	NA	NA	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
MICROCRYSTALLINE CELULOSE	9004-34-6	NA	323-674-9	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
SODIUM STEAROYL GLUTAMATE	79811-24-8	NA	NA	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
ARACHIDYL GLUCOSIDE	100231-68-3	NA	NA	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
BEHENYL ALCOHOL	661-19-8	NA	211-546-6	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
BISABOLOL	23089-26-1	NA	245-423-3	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
CETYL ALCOHOL	36653-82-4	MM0225000	253-149-0	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
CITRIC ACID	77-92-9	GE7350000	201-069-1	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		





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## 3. COMPOSITION & INGREDIENT INFORMATION – cont'd

CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	EXPOSURE LIMITS IN AIR (mg/m <sup>3</sup> )									OTHER
					ACGIH		NOHSC			OSHA				
					ppm		ppm			ppm				
					TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH		
COCO-GLUCOSIDE	141464-42-8	NA	NA	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
ETHYLHEXYLGLYCERIN	70445-33-9	NA	408-080-2	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
	Eye Dam. 1, Aq. Chronic 3; H318, H412													
PHENOXYETHANOL	122-99-6	KM0350000	204-589-7	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
POLYHYDROXYSTEARIC ACID	27924-99-8	NA	NA	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
SODIUM GLUCONATE	527-07-1	LZ5235000	208-407-7	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
SODIUM HYALURONATE	9067-32-7	NA	NA	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
THEOBROMA CACAO (COCOA) SEED BUTTER	84649-99-0	NA	283-480-6	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
TOCOPHEROL	10191-41-0	NA	233-466-0	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		

## 4. FIRST AID MEASURES

4.1	First Aid:	<p><u>Ingestion:</u> If ingested, DO NOT INDUCE VOMITING. Contact the nearest Poison Control Center or local emergency number. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed.</p> <p><u>Eyes:</u> Splashes are not likely; however, if product gets in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes. If irritation occurs, contact a physician.</p> <p><u>Skin:</u> If irritation occurs and product is on the skin, rinse thoroughly with lukewarm water, followed by a thorough washing of the affected area with soap and water. If irritation, redness or swelling persists, contact a physician immediately.</p> <p><u>Inhalation:</u> Remove victim to fresh air at once.</p>															
4.2	Effects of Exposure:	<p><u>Ingestion:</u> If product is swallowed, may cause nausea, vomiting and/or diarrhea.</p> <p><u>Eyes:</u> Moderately irritating to the eyes. Symptoms of overexposure may include redness, itching, irritation and watering.</p> <p><u>Skin:</u> None expected. In some sensitive individuals, the product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in rare instances.</p> <p><u>Inhalation:</u> None expected.</p>															
4.3	Symptoms of Overexposure:	Overexposure in eyes may cause redness, itching and watering. In some sensitive individuals, symptoms of skin overexposure may include redness, itching, and irritation of affected areas.															
4.4	Acute Health Effects:	Moderate irritation to eyes. In some sensitive individuals moderate irritation to skin near affected areas.															
4.5	Chronic Health Effects:	No harmful or chronic health effects are expected to occur from a single accidental ingestion.															
4.6	Target Organs:	Eyes, Skin															
4.7	Medical Conditions Aggravated by Exposure:	Pre-existing dermatitis, other skin conditions, and disorders of the target organs (eyes, skin).															
		<table><tr><td colspan="2">HEALTH</td><td>1</td></tr><tr><td colspan="2">FLAMMABILITY</td><td>0</td></tr><tr><td colspan="2">PHYSICAL HAZARDS</td><td>0</td></tr><tr><td colspan="2">PROTECTIVE EQUIPMENT</td><td>A</td></tr><tr><td>EYES</td><td></td><td></td></tr></table>	HEALTH		1	FLAMMABILITY		0	PHYSICAL HAZARDS		0	PROTECTIVE EQUIPMENT		A	EYES		
HEALTH		1															
FLAMMABILITY		0															
PHYSICAL HAZARDS		0															
PROTECTIVE EQUIPMENT		A															
EYES																	

## 5. FIREFIGHTING MEASURES

5.1	Fire & Explosion Hazards:	This product is non-flammable. When exposed to high temperatures, may produce hazardous decomposition products such as oxides of carbon (e.g., CO, CO <sub>2</sub> ) and nitrogen (e.g., NO <sub>x</sub> ) and smoke.	
5.2	Extinguishing Methods:	Water, Foam, CO <sub>2</sub> , Dry Chemical	
5.3	Firefighting Procedures:	As in any fire, wear MSHA/NIOSH approved self-contained breathing apparatus (pressure-demand) and full protective gear. Keep containers cool until well after the fire is out. Use water spray to cool fire-exposed surfaces and to protect personal. Fight fire upwind. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway. Firefighters must use full bunker gear including NIOSH-approved positive pressure self-contained breathing apparatus to protect against potential hazardous combustion or decomposition products and oxygen deficiencies.	



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## 6. ACCIDENTAL RELEASE MEASURES

6.1	Spills:	Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment (PPE). For <u>small spills</u> (e.g., < 1 gallon (3.8 L)) or <u>large spills</u> (e.g., ≥ 1 gallon (3.8 L)), wear appropriate personal protective equipment (e.g., goggles, gloves). Remove spilled material with absorbent material and place into appropriate closed container(s) for disposal. Dispose of properly in accordance with local, state and federal regulations. Wash all affected areas and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse.
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## 7. HANDLING & STORAGE INFORMATION

7.1	Work & Hygiene Practices:	Do not eat, drink, or smoke while handling this product. Upon completion of work activities involving large quantities (e.g., ≥ 1 gallon (3.8 L)) of this product, wash any exposed areas thoroughly with soap and water.
7.2	Storage & Handling:	Use and store in a cool, dry, well-ventilated location (e.g., local exhaust ventilation, fans). Keep away from excessive heat and open flames.
7.3	Special Precautions:	Spilled material may present a slipping hazard if left unattended. Clean all spills promptly.

## 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1	Exposure Limits: ppm (mg/m <sup>3</sup> )	CHEMICAL NAME(S)	ACGIH		NOHSC			OSHA			OTHER
			TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH	
8.2	Ventilation & Engineering Controls:	When working with large quantities of product, provide adequate ventilation (e.g., local exhaust ventilation, fans). Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.									
8.3	Respiratory Protection:	No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134, or applicable U.S. state regulations, or the appropriate standards of Canada, its provinces, E.C. member states, or Australia.									
8.4	Eye Protection:	Wear protective eyewear (e.g., safety glasses with side-shield) at all times when handling large quantities (e.g., ≥ 1 gallon (3.8 L)) of this product. Always use protective eyewear when cleaning spills or leaks. Contact lenses pose a special hazard; soft lenses may absorb and concentrate irritants.									
8.5	Hand Protection:	If anticipated that prolonged & repeated skin contact will occur during use of this product, wear latex or rubber gloves for routine industrial use. If necessary, refer to U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada, of the E.C. member states.									
8.6	Body Protection:	However, no special body protection is required under typical circumstances of use and handling. If necessary, refer to appropriate standards of Canada, the E.C. member states, or U.S. OSHA.									

## 9. PHYSICAL & CHEMICAL PROPERTIES

9.1	Appearance:	White thin lotion.
9.2	Odor:	Characteristic odor.
9.3	Odor Threshold:	NA
9.4	pH:	4.5-5.5
9.5	Melting Point/Freezing Point:	NA
9.6	Initial Boiling Point/Boiling Range:	ND
9.7	Flashpoint:	NA
9.8	Upper/Lower Flammability Limits:	NA
9.9	Vapor Pressure:	NA
9.10	Vapor Density:	NA
9.11	Relative Density:	0.95-1.05
9.12	Solubility:	Partially Soluble
9.13	Partition Coefficient (log P <sub>ow</sub> ):	NA
9.14	Autoignition Temperature:	NA
9.15	Decomposition Temperature:	NA
9.16	Viscosity:	5,000-50,000 cPs
9.17	Other Information:	NA





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## 10. STABILITY & REACTIVITY

10.1	Stability:	This product is stable.
10.2	Hazardous Decomposition Products:	Oxides of carbon (CO, CO <sub>2</sub> ) and nitrogen (NO <sub>x</sub> ).
10.3	Hazardous Polymerization:	Will not occur.
10.4	Conditions to Avoid:	Open flames, sparks and high heat. Extreme temperatures.
10.5	Incompatible Substances:	Strong oxidizing agents.

## 11. TOXICOLOGICAL INFORMATION

11.1	Routes of Entry:	Inhalation: NO	Absorption: YES	Ingestion: YES
11.2	Toxicity Data:	This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components of the product, but are not presented in this document.		
11.3	Acute Toxicity:	See Section 4.4.		
11.4	Chronic Toxicity:	See Section 4.5.		
11.5	Suspected Carcinogen:	This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm.		
11.6	Reproductive Toxicity:	This product is not reported to produce reproductive toxicity in humans.		
	Mutagenicity:	This product is not reported to produce mutagenic effects in humans.		
	Embryotoxicity:	This product is not reported to produce embryotoxic effects in humans.		
	Teratogenicity:	This product is not reported to cause teratogenic effects in humans.		
	Reproductive Toxicity:	This product is not reported to cause reproductive effects in humans.		
11.7	Irritancy of Product:	See Section 4.3		
11.8	Biological Exposure Indices:	NE		
11.9	Physician Recommendations:	Treat symptomatically.		

## 12. ECOLOGICAL INFORMATION

12.1	Environmental Stability:	There is no specific data available for this product.
12.2	Effects on Plants & Animals:	There is no specific data available for this product.
12.3	Effects on Aquatic Life:	The product itself has not been tested as a whole. There is no specific data available for this product.

## 13. DISPOSAL CONSIDERATIONS

13.1	Waste Disposal:	Dispose of in accordance with federal, state and local regulations.
13.2	Special Considerations:	NA

## 14. TRANSPORTATION INFORMATION

The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR.

14.1	49 CFR (GND):	NOT REGULATED
14.2	IATA (AIR):	NOT REGULATED
14.3	IMDG (OCN):	NOT REGULATED
14.4	TDGR (Canadian GND):	NOT REGULATED
14.5	ADR/RID (EU):	NOT REGULATED
14.6	SCT (MEXICO):	NOT REGULATED
14.7	ADGR (AUS):	NOT REGULATED



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## 15. REGULATORY INFORMATION

15.1	SARA Reporting Requirements:	This product does not contain any substances subject to SARA Title III, Section 313 reporting requirements.
15.2	SARA Threshold Planning Quantity:	There are no specific Threshold Planning Quantities for the components of this product.
15.3	TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory.
15.4	CERCLA Reportable Quantity (RQ):	NA
15.5	Other Federal Requirements:	This product complies with the appropriate sections of the Food and Drug Administration's 21 CFR subchapter G (Cosmetics). This material does not contain any hazardous air pollutants. None of the components in this product are listed as priority pollutants under the CWA. None of the components in this product are listed as toxic pollutants under the CWA.
15.6	Other Canadian Regulations:	This product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDL. None of the components of this product are listed on the Priorities Substances List.
15.7	State Regulatory Information:	None of the ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI). This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm.
15.8	Other Requirements:	This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

## 16. OTHER INFORMATION

16.1	Other Information:	<b>WARNING! CAUSES EYE IRRITATION.</b> For external use only. Discontinue use immediately if irritation develops. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If eye or skin irritation or rash persists: Get medical advice/attention. <b>KEEP OUT OF REACH OF CHILDREN.</b>	
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.	
16.3	Disclaimer:	This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate's & Sun Bum's knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.	
16.4	Prepared for:	<b>Sun Bum LLC</b> 444 S Coast Hwy 101 Encinitas, CA 92024 USA Tel: +1 (321) 255-3250 <a href="http://www.trustthebum.com/">http://www.trustthebum.com/</a>	
16.5	Prepared by:	<b>ShipMate, Inc.</b> P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 <a href="http://www.shipmate.com">http://www.shipmate.com</a>	



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## DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

### GENERAL INFORMATION:

<b>CAS No.</b>	Chemical Abstract Service Number
<b>RTECS No.</b>	Registry of Toxic Effects of Chemical Substances Number
<b>EINECS No.</b>	European Inventory of Existing Commercial Chemical Substances Number

### EXPOSURE LIMITS IN AIR:

<b>ACGIH</b>	American Conference on Governmental Industrial Hygienists
<b>IDLH</b>	Immediately Dangerous to Life and Health
<b>NOHSC</b>	National Occupational Health and Safety Commission (Australia)
<b>OSHA</b>	U.S. Occupational Safety and Health Administration
<b>PEL</b>	Permissible Exposure Limit
<b>STEL</b>	Short Term Exposure Limit
<b>TLV</b>	Threshold Limit Value
<b>TWA</b>	Time Weighted Average

### FIRST AID MEASURES:

<b>CPR</b>	Cardiopulmonary resuscitation - method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body.
------------	--

### HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

### HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard

<b>HEALTH</b>
<b>FLAMMABILITY</b>
<b>PHYSICAL HAZARDS</b>
<b>PERSONAL PROTECTION</b>

### PERSONAL PROTECTION RATINGS:

<b>A</b>	
<b>B</b>	
<b>C</b>	
<b>D</b>	
<b>E</b>	
<b>F</b>	

<b>G</b>	
<b>H</b>	
<b>I</b>	
<b>J</b>	
<b>K</b>	
<b>X</b>	Consult your supervisor or SOPs for special handling directions.

Safety Glasses	Splash Goggles	Face Shield & Protective Eyewear	Gloves
Boots	Protective Apron	Protective Clothing & Full Suit	Dust Respirator
Full Face Respirator	Dust & Vapor Half-Mask Respirator	Full Face Respirator	Airline Hood/Mask or SCBA

### OTHER STANDARD ABBREVIATIONS:

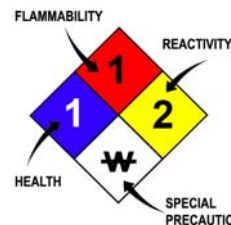
<b>Carc</b>	Carcinogenic
<b>Irrit</b>	Irritant
<b>NA</b>	Not Available
<b>NR</b>	No Results
<b>ND</b>	Not Determined
<b>NE</b>	Not Established
<b>NF</b>	Not Found
<b>SCBA</b>	Self-Contained Breathing Apparatus
<b>Sens</b>	Sensitization
<b>STOT RE</b>	Specific Target Organ Toxicity – Repeat Exposure
<b>STOT SE</b>	Specific Target Organ Toxicity – Single Exposure

### NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILITY LIMITS IN AIR:	
<b>Autoignition Temperature</b>	Minimum temperature required to initiate combustion in air with no other source of ignition
<b>LEL</b>	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source
<b>UEL</b>	Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source

### HAZARD RATINGS:

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard
<b>ACD</b>	Acidic
<b>ALK</b>	Alkaline
<b>COR</b>	Corrosive
<b>W</b>	Use No Water
<b>OX</b>	Oxidizer
<b>TREFOIL</b>	Radioactive



### TOXICOLOGICAL INFORMATION:

<b>LD<sub>50</sub></b>	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
<b>LC<sub>50</sub></b>	Lethal concentration (gases) which kills 50% of the exposed animal
<b>ppm</b>	Concentration expressed in parts of material per million parts
<b>TD<sub>10</sub></b>	Lowest dose to cause a symptom
<b>TCLO</b>	Lowest concentration to cause a symptom
<b>TD<sub>10</sub>, LD<sub>10</sub>, &amp; LD<sub>50</sub> or TC, TC<sub>10</sub>, LC<sub>10</sub>, &amp; LC<sub>50</sub></b>	Lowest dose (or concentration) to cause lethal or toxic effects
<b>IARC</b>	International Agency for Research on Cancer
<b>NTP</b>	National Toxicology Program
<b>RTECS</b>	Registry of Toxic Effects of Chemical Substances
<b>BCF</b>	Bioconcentration Factor
<b>TL<sub>m</sub></b>	Median threshold limit
<b>log K<sub>OW</sub> or log K<sub>OC</sub></b>	Coefficient of Oil/Water Distribution

### REGULATORY INFORMATION:

<b>WHMIS</b>	Canadian Workplace Hazardous Material Information System
<b>DOT</b>	U.S. Department of Transportation
<b>TC</b>	Transport Canada
<b>EPA</b>	U.S. Environmental Protection Agency
<b>DSL</b>	Canadian Domestic Substance List
<b>NDSL</b>	Canadian Non-Domestic Substance List
<b>PSL</b>	Canadian Priority Substances List
<b>TSCA</b>	U.S. Toxic Substances Control Act
<b>EU</b>	European Union (European Union Directive 67/548/EEC)
<b>WGK</b>	Wassergefährdungsklassen (German Water Hazard Class)

### WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

### CLP/GHS (1272/2008/EC) PICTOGRAMS:

GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment



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SDS Revision: 1.3

SDS Revision Date: 9/24/2020

## 8. EXPOSURE CONTROLS & PERSONAL PROTECTION – cont'd

8.3	Respiratory Protection:	No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134, or applicable U.S. state regulations, or the appropriate standards of Canada, its provinces, E.C. member states, or Australia.	
8.4	Eye Protection:	Wear protective eyewear (e.g., safety glasses with side-shield) at all times when handling large quantities (e.g., ≥ 1 gallon (3.8 L)) of this product. Always use protective eyewear when cleaning spills or leaks. Contact lenses pose a special hazard; soft lenses may absorb and concentrate irritants.	
8.5	Hand Protection:	If anticipated that prolonged & repeated skin contact will occur during use or handling of this product, wear latex or rubber gloves for routine industrial use. If necessary, refer to U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada, of the E.C. member states.	
8.6	Body Protection:	No special body protection is required under typical circumstances of use and handling. If necessary, refer to appropriate standards of Canada, the E.C. member states, or U.S. OSHA.	

## 9. PHYSICAL & CHEMICAL PROPERTIES

9.1	Appearance:	Off-white Lotion
9.2	Odor:	Banana/Vanilla Fragrance
9.3	Odor Threshold:	NA
9.4	pH:	6.75-7.75
9.5	Melting Point/Freezing Point:	NA
9.6	Initial Boiling Point/Boiling Range:	NA
9.7	Flashpoint:	NA
9.8	Upper/Lower Flammability Limits:	NA
9.9	Vapor Pressure:	NA
9.10	Vapor Density:	NA
9.11	Relative Density:	1.0-1.02
9.12	Solubility:	Miscible
9.13	Partition Coefficient (log P <sub>ow</sub> ):	NA
9.14	Autoignition Temperature:	NA
9.15	Decomposition Temperature:	NA
9.16	Viscosity:	17,500 – 35,000 cPs
9.17	Other Information:	NA

## 10. STABILITY & REACTIVITY

10.1	Stability:	This product is stable.
10.2	Hazardous Decomposition Products:	Oxides of carbon and nitrogen.
10.3	Hazardous Polymerization:	Will not occur.
10.4	Conditions to Avoid:	Open flames, sparks, high heat and direct sunlight.
10.5	Incompatible Substances:	Strong oxidizing agents.

## 11. TOXICOLOGICAL INFORMATION

11.1	Routes of Entry:	Inhalation: YES	Absorption: YES	Ingestion: YES
11.2	Toxicity Data:	This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components of the product.		
11.3	Acute Toxicity:	See section 4.4		
11.4	Chronic Toxicity:	See section 4.5		
11.5	Suspected Carcinogen:	Triethanolamine: IARC listed 3		
11.6	Reproductive Toxicity:	This product is not reported to produce reproductive toxicity in humans.		
	Mutagenicity:	This product is not reported to produce mutagenic effects in humans.		
	Embryotoxicity:	This product is not reported to produce embryotoxic effects in humans.		
	Teratogenicity:	This product is not reported to cause teratogenic effects in humans.		
	Reproductive Toxicity:	This product is not reported to cause reproductive effects in humans.		
11.7	Irritancy of Product:	See Section 4.3.		
11.8	Biological Exposure Indices:	NE		
11.9	Physician Recommendations:	Treat symptomatically.		





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## 12. ECOLOGICAL INFORMATION

12.1	Environmental Stability:	The components of this product will slowly degrade over time into a variety of organic compounds. Specific environmental data available for the components of this product are available, but are not presented in this Safety Data Sheet.
12.2	Effects on Plants & Animals:	There are no specific data available for this product.
12.3	Effects on Aquatic Life:	There are no specific data available for this product; however, very large releases of this product may be harmful or fatal to overexposed aquatic life.

## 13. DISPOSAL CONSIDERATIONS


13.1	Waste Disposal:	Dispose of in accordance with federal, state, provincial and local regulations.
13.2	Special Considerations:	NA

## 14. TRANSPORTATION INFORMATION

The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR.

14.1	49 CFR (GND):	NOT REGULATED	
14.2	IATA (AIR):	NOT REGULATED	
14.3	IMDG (OCN):	NOT REGULATED	
14.4	TDGR (Canadian GND):	NOT REGULATED	
14.5	ADR/RID (EU):	NOT REGULATED	
14.6	SCT (MEXICO):	NOT REGULATED	
14.7	ADGR (AUS):	NOT REGULATED	

## 15. REGULATORY INFORMATION

15.1	SARA Reporting Requirements:	This product does not contain any substances subject to SARA Title III, section 313 reporting requirements.	
15.2	SARA Threshold Planning Quantity:	There are no specific Threshold Planning Quantities for the components of this product.	
15.3	TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory.	
15.4	CERCLA Reportable Quantity (RQ):	NA	
15.5	Other Federal Requirements:	This product complies with the appropriate sections of the Food and Drug Administration's 21 CFR subchapter G (Cosmetics). This material does not contain any hazardous air pollutants. None of the components in this product are listed as priority pollutants under the CWA. None of the components in this product are listed as toxic pollutants under the CWA.	
15.6	Other Canadian Regulations:	This product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDL. None of the components of this product are listed on the Priorities Substances List. WHMIS	
15.7	State Regulatory Information:	No ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI). This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>	
15.8	Other Requirements:	This product is found on the following inventory lists: Australia - AICS, China - IECSC, Europe - ELINCS/EINEC, Japan - ENCS; Korea - KECI; New Zealand - NZIoC; {Philippines - PICCS; USA - TSCA	



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## 16. OTHER INFORMATION

16.1	Other Information:	<b>WARNING! CAUSES EYE IRRITATION.</b> For external use only. Use only as directed. Discontinue use immediately if irritation develops. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Keep container tightly closed when not in use. <b>KEEP OUT OF REACH OF CHILDREN.</b>	
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.	
16.3	Disclaimer:	This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate's & Sun Bum's knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.	
16.4	Prepared for:	<b>Sun Bum LLC</b> 444 S Coast Hwy 101 Encinitas, CA 92024 USA Tel: +1 (321) 255-3250 <a href="http://www.trustthebum.com/">http://www.trustthebum.com/</a>	
16.5	Prepared by:	<b>ShipMate, Inc.</b> P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 <a href="http://www.shipmate.com">http://www.shipmate.com</a>	





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## DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

### GENERAL INFORMATION:

<b>CAS No.</b>	Chemical Abstract Service Number
<b>RTECS No.</b>	Registry of Toxic Effects of Chemical Substances Number
<b>EINECS No.</b>	European Inventory of Existing Commercial Chemical Substances Number

### EXPOSURE LIMITS IN AIR:

<b>ACGIH</b>	American Conference on Governmental Industrial Hygienists
<b>IDLH</b>	Immediately Dangerous to Life and Health
<b>NOHSC</b>	National Occupational Health and Safety Commission (Australia)
<b>OSHA</b>	U.S. Occupational Safety and Health Administration
<b>PEL</b>	Permissible Exposure Limit
<b>STEL</b>	Short Term Exposure Limit
<b>TLV</b>	Threshold Limit Value
<b>TWA</b>	Time Weighted Average

### FIRST AID MEASURES:

<b>CPR</b>	Cardiopulmonary resuscitation - method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body.
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### HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

#### HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard

<b>HEALTH</b>
<b>FLAMMABILITY</b>
<b>PHYSICAL HAZARDS</b>
<b>PERSONAL PROTECTION</b>

#### PERSONAL PROTECTION RATINGS:

<b>A</b>	
<b>B</b>	
<b>C</b>	
<b>D</b>	
<b>E</b>	
<b>F</b>	

<b>G</b>	
<b>H</b>	
<b>I</b>	
<b>J</b>	
<b>K</b>	
<b>X</b>	Consult your supervisor or SOPs for special handling directions.

Safety Glasses	Splash Goggles	Face Shield & Protective Eyewear	Gloves
Boots	Protective Apron	Protective Clothing & Full Suit	Dust Respirator
Full Face Respirator	Dust & Vapor Half-Mask Respirator	Full Face Respirator	Airline Hood/Mask or SCBA

### OTHER STANDARD ABBREVIATIONS:

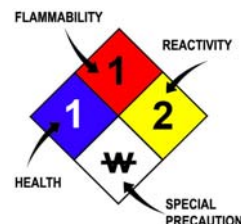
<b>Carc</b>	Carcinogenic
<b>Irrit</b>	Irritant
<b>NA</b>	Not Available
<b>NR</b>	No Results
<b>ND</b>	Not Determined
<b>NE</b>	Not Established
<b>NF</b>	Not Found
<b>SCBA</b>	Self-Contained Breathing Apparatus
<b>Sens</b>	Sensitization
<b>STOT RE</b>	Specific Target Organ Toxicity – Repeat Exposure
<b>STOT SE</b>	Specific Target Organ Toxicity – Single Exposure

### NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILITY LIMITS IN AIR:	
<b>Autoignition Temperature</b>	Minimum temperature required to initiate combustion in air with no other source of ignition
<b>LEL</b>	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source
<b>UEL</b>	Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source

### HAZARD RATINGS:

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard
<b>ACD</b>	Acidic
<b>ALK</b>	Alkaline
<b>COR</b>	Corrosive
<b>W</b>	Use No Water
<b>OX</b>	Oxidizer
<b>TREFOIL</b>	Radioactive



### TOXICOLOGICAL INFORMATION:

<b>LD<sub>50</sub></b>	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
<b>LC<sub>50</sub></b>	Lethal concentration (gases) which kills 50% of the exposed animal
<b>ppm</b>	Concentration expressed in parts of material per million parts
<b>TD<sub>10</sub></b>	Lowest dose to cause a symptom
<b>TCLO</b>	Lowest concentration to cause a symptom
<b>TD<sub>10</sub>, LD<sub>10</sub>, &amp; LD<sub>50</sub> or TC, TC<sub>10</sub>, LC<sub>10</sub>, &amp; LC<sub>50</sub></b>	Lowest dose (or concentration) to cause lethal or toxic effects
<b>IARC</b>	International Agency for Research on Cancer
<b>NTP</b>	National Toxicology Program
<b>RTECS</b>	Registry of Toxic Effects of Chemical Substances
<b>BCF</b>	Bioconcentration Factor
<b>TL<sub>m</sub></b>	Median threshold limit
<b>log K<sub>OW</sub> or log K<sub>OC</sub></b>	Coefficient of Oil/Water Distribution

### REGULATORY INFORMATION:

<b>WHMIS</b>	Canadian Workplace Hazardous Material Information System
<b>DOT</b>	U.S. Department of Transportation
<b>TC</b>	Transport Canada
<b>EPA</b>	U.S. Environmental Protection Agency
<b>DSL</b>	Canadian Domestic Substance List
<b>NDSL</b>	Canadian Non-Domestic Substance List
<b>PSL</b>	Canadian Priority Substances List
<b>TSCA</b>	U.S. Toxic Substance Control Act
<b>EU</b>	European Union (European Union Directive 67/548/EEC)
<b>WGK</b>	Wassergefährdungsklassen (German Water Hazard Class)

### WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

### CLP/GHS (1272/2008/EC) PICTOGRAMS:

GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment



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SB-030

Prepared to OSHA, ACC, ANSI, WHSR, WHMIS, EU &amp; GHS Standards

SDS Revision: 1.1

SDS Revision Date: 8/22/2019

## 1. PRODUCT & COMPANY IDENTIFICATION

1.1	Product Name:	<b>SUN BUM SP15 TANNING OIL SPRAY</b>
1.2	Chemical Name:	Botanical Oil Solution
1.3	Synonyms:	SB#100
1.4	Trade Names:	Sun Bum SPF15 Tanning Oil Spray
1.5	Product Use:	Personal Sundry
1.6	Distributor's Name:	<b>Sun Bum LLC</b>
1.7	Distributor's Address:	444 S Coast Hwy 101, Encinitas, CA 92024 USA
1.8	Emergency Phone:	<b>PERS +1 (801) 629-0667 / +1 (800) 633-8253 (CN11522)</b>
1.9	Business Phone / Fax:	+1 (321) 255-3250

## 2. HAZARDS IDENTIFICATION

2.1	Hazard Identification:	This product is classified as a HAZARDOUS SUBSTANCE but not as DANGEROUS GOODS according to the classification criteria of Australian WHS Act & Regulations and Australian Dangerous Goods (ADG) Code. <b>WARNING! CAUSES EYE IRRITATION.</b> Classification: Eye Irrit. 2B										
2.2	Label Elements:	<u>Hazard Statements</u> (H): H320 – Causes eye irritation. <u>Precautionary Statements</u> (P): P264 – Wash thoroughly after handling. P305+P351+P338 – IF IN EYES: Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 – if eye irritation persists: Get medical advice/attention.										
2.3	Other Warnings:	In the event of an exposure or medical inquiry involving this product, please contact a physician or local poison control center, who may seek advice from the U.S. manufacturer, and show them this SDS. <b>KEEP OUT OF REACH OF CHILDREN.</b>										

## 3. COMPOSITION & INGREDIENT INFORMATION

CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	EXPOSURE LIMITS IN AIR (mg/m <sup>3</sup> )									OTHER
					ACGIH		NOHSC			OSHA				
					ppm		ppm			ppm				
					TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH		
MINERAL OIL	8042-47-5	PY8047000	232-455-8	60-100	(5)	NA	(5)	NA	NA	(5)	(10) *	(2500) *	NIOSH	
	Asp. Tox. 1, Flam. Liq. 3; H304, H226													
AVOBENZONE	70356-09-1	NA	274-581-6	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
	Aq. Chronic 4; H413													
HOMOSALATE	118-56-9	NA	204-260-8	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
OCTISALATE	118-60-5	NA	204-263-4	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
OCTOCRYLENE	6197-30-4	NA	228-250-8	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
	Aq. Chronic 1; H410													
ALOE BARBADENSIS LEAF EXTRACT	85507-69-3	NA	287-390-8	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
ARGANIA SPINOSA KERNEL OIL	299184-75-1	NA	NA	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
CAMELLIA OLEIFERA SEED OL	225233-97-6	NA	NA	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
CAMELLIA SINENSIS (GREEN TEA) LEAF POWDER	84650-60-2	NA	283-519-7	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
COCOS NUCIFERA (COCONUT) OIL	8001-31-8	GG6040000	232-282-8	< 1.0	NA	NA	NF	NF	NA	NA	NA	NA		
FRAGRANCE	NA	NA	NA	< 1.0	NA	NA	NF	NF	NA	NA	NA	NA		
HELIANTHUS ANNUUS (SUNFLOWER) SEED OIL	8001-21-6	NA	232-273-9	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
HYDROGENATED VEGETABLE OIL	68334-28-1	NA	269-820-6	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
LINUM USITATISSIMUM (LINSEED) SEED OIL	8001-26-1	NA	232-278-6	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
MACADAMIA TERNIFOLIA SEED OIL	128497-20-1 129811-19-4	NA	NA	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
OLEA EUROPAEA (OLIVE) OIL	8001-25-0	NA	NA	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
PASSIFLORA EDULIS SEED OIL	91770-48-8 97676-26-1	NA	294-833-9	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		



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Prepared to OSHA, ACC, ANSI, WHSR, WHMIS, EU &amp; GHS Standards

SDS Revision: 1.1

SDS Revision Date: 8/22/2019

## 3. COMPOSITION & INGREDIENT INFORMATION

CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	EXPOSURE LIMITS IN AIR (mg/m <sup>3</sup> )									OTHER
					ACGIH		NOHSC			OSHA				
					ppm		ppm			ppm				
					TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH		
PERSEA GRATISSIMA (AVOCADO) OIL	8024-32-6	CL2680000	232-428-0	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
PRUNUS AMYGDALUS DULCIS (SWEET ALMOND) OIL	8007-69-0	RJ3370000	232-276-5	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
PRUNUS ARMENIACA (APRICOT) KERNEL OIL	72869-69-3	NA	615-861-3	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
ROSA CANINA FRUIT OIL	84696-47-9 84603-93-0	NA	283-652-0	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
SCLEROCARYA BIRREA (MARULA) SEED OIL	68956-68-3	NA	273-313-5	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
SIMMONDSIA CHINENSIS (JOJOBA) SEED OIL	61789-91-1	NY9262700	296-292-4	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
THEOBROMA CACAO (COCOA) SEED BUTTER	8002-31-1	NA	283-480-6	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		

## 4. FIRST AID MEASURES

4.1	First Aid:	<p><u>Ingestion:</u> If ingested, do not induce vomiting. If the patient is vomiting, continue to offer water or milk. Never give water or milk to an unconscious person. Contact the nearest Poison Control Center or local emergency number. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed.</p> <p><u>Eyes:</u> Splashes are not likely; however, if product gets in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes lifting upper and lower lids, occasionally.</p> <p><u>Skin:</u> Wash thoroughly with soap and water. In case of contact, immediately flush skin with plenty of water for at least 15 minutes.</p> <p><u>Inhalation:</u> Remove victim to fresh air at once. If breathing difficult, administer oxygen. If breathing stops give artificial respiration. Keep person warm, quiet and get medical attention.</p>
4.2	Effects of Exposure:	<p><u>Ingestion:</u> If product is swallowed, may cause nausea, vomiting and/or diarrhea.</p> <p><u>Eyes:</u> Moderately irritating to the eyes. Symptoms of overexposure may include redness, itching, irritation and watering.</p> <p><u>Skin:</u> May be irritating to skin. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in some sensitive individuals.</p> <p><u>Inhalation:</u> None expected.</p>
4.3	Symptoms of Overexposure:	<p><u>Ingestion:</u> Nausea, intestinal discomfort, vomiting and/or diarrhea.</p> <p><u>Eyes:</u> Overexposure in eyes may cause redness, itching and watering.</p> <p><u>Skin:</u> Symptoms of skin overexposure may include redness, itching, and irritation of affected areas. Product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in some individuals.</p>
4.4	Acute Health Effects:	Non-irritating when used as directed. Moderate irritation to eyes and skin near affected areas. Additionally, high concentrations of vapors can cause drowsiness, dizziness, headaches and nausea.
4.5	Chronic Health Effects:	Non-irritating when used as directed. Overexposure may trigger asthma-like symptoms in some sensitive individuals. May also induce skin sensitization and respiratory hypersensitivity. Possible allergic dermatitis.
4.6	Target Organs:	Eyes
4.7	Medical Conditions Aggravated by Exposure:	Pre-existing dermatitis, other skin conditions, and disorders of the target organs (eyes).

## 5. FIREFIGHTING MEASURES

5.1	Fire & Explosion Hazards:	This product is not flammable. However, if involved in a fire, this product may decompose at high temperatures to form toxic gases (e.g., CO, CO <sub>2</sub> ).	
5.2	Extinguishing Methods:	Water, Foam, CO <sub>2</sub> , Dry Chemical. Use water spray to cool unopened containers.	
5.3	Firefighting Procedures:	Fight fires as for surrounding materials. As in any fire, wear MSHA/NIOSH approved self-contained breathing apparatus (pressure-demand) and full protective gear. Keep containers cool until well after the fire is out. Use water spray to cool fire-exposed surfaces and to protect personal. Fight fire upwind. Avoid spraying water directly into storage containers because of danger of boil-over. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway. Firefighters must use full bunker gear including NIOSH-approved positive pressure self-contained breathing apparatus to protect against potential hazardous combustion or decomposition products and oxygen deficiencies.	



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## 6. ACCIDENTAL RELEASE MEASURES

6.1	Spills:	<p>Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment. CAUTION – may be slippery if spilled.</p> <p>For <u>small spills</u> (e.g., &lt; 1 gallon (3.8 L)) wear appropriate personal protective equipment (e.g., goggles, gloves). Maximize ventilation (open doors and windows). Remove spilled material with absorbent material and place into appropriate closed container(s) for disposal. Dispose of properly in accordance with local, state and federal regulations. Wash all affected areas and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse.</p> <p>For <u>large spills</u> (e.g., ≥ 1 gallon (3.8 L)), deny entry to all unprotected individuals. Dike and contain spill with inert material (e.g., sand or earth). Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for proper disposal. Remove contaminated clothing promptly and wash affected skin areas with soap and water. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.</p>
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## 7. HANDLING & STORAGE INFORMATION

7.1	Work & Hygiene Practices:	Avoid eye contact.
7.2	Storage & Handling:	Use and store in a cool, dry, well-ventilated location (e.g., local exhaust ventilation, fans). Keep away from excessive heat and open flames. Avoid temperatures above 120 °F. Keep away from incompatible substances. Protect containers from physical damage.
7.3	Special Precautions:	Spilled material may present a slipping hazard if left unattended. Clean all spills promptly.

## 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1	Exposure Limits: ppm (mg/m³)		ACGIH		NOHSC			OSHA			OTHER
		CHEMICAL NAME(S)	TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH	
		MINERAL OIL	(5)	NA	(5)	NA	NA	(5)	(10) *	(2500)	* NIOSH
8.2	Ventilation & Engineering Controls:	General mechanical (e.g., fans) or natural ventilation is sufficient when this product is in use.									
8.3	Respiratory Protection:	None required if used in a well-ventilated area.									
8.4	Eye Protection:	Avoid eye contact. Protective eyewear (e.g., safety glasses with side-shield) is recommended at all times when handling this product. Always use protective eyewear when cleaning spills or leaks.									
8.5	Hand Protection:	None required under normal conditions of use.									
8.6	Body Protection:	None required under normal conditions of use.									

## 9. PHYSICAL & CHEMICAL PROPERTIES

9.1	Appearance:	Yellow Oil
9.2	Odor:	Banana, Coconut
9.3	Odor Threshold:	NA
9.4	pH:	NA
9.5	Melting Point/Freezing Point:	NA
9.6	Initial Boiling Point/Boiling Range:	NA
9.7	Flashpoint:	NA
9.8	Upper/Lower Flammability Limits:	NA
9.9	Vapor Pressure:	NA
9.10	Vapor Density:	NA
9.11	Relative Density:	0.95 – 0.97 (est.)
9.12	Solubility:	Insoluble
9.13	Partition Coefficient (log P <sub>ow</sub> ):	NA
9.14	Autoignition Temperature:	NA
9.15	Decomposition Temperature:	NA
9.16	Viscosity:	NA
9.17	Other Information:	NA

## 10. STABILITY & REACTIVITY

10.1	Stability:	This product is stable.
10.2	Hazardous Decomposition Products:	Oxides of carbon and nitrogen.
10.3	Hazardous Polymerization:	Will not occur.
10.4	Conditions to Avoid:	Open flames, sparks, high heat and direct sunlight.
10.5	Incompatible Substances:	Strong oxidizing agents.



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## 11. TOXICOLOGICAL INFORMATION

11.1	Routes of Entry:	Inhalation: NO	Absorption: YES	Ingestion: YES
11.2	Toxicity Data:	This product has not been tested on animals to obtain toxicological data. There are toxicology data for the components of this product, which are found in the scientific literature. This data has not been presented in this document. This product is neither a primary eye nor primary skin irritant per Federal Hazardous Substances Act (FHSA) regulations.		
11.3	Acute Toxicity:	See Section 4.4		
11.4	Chronic Toxicity:	See Section 4.5		
11.5	Suspected Carcinogen:	This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> .		
11.6	Reproductive Toxicity:	This product is not reported to produce reproductive toxicity in humans.		
	Mutagenicity:	This product is not reported to produce mutagenic effects in humans.		
	Embryotoxicity:	This product is not reported to produce embryotoxic effects in humans.		
	Teratogenicity:	This product is not reported to cause teratogenic effects in humans.		
	Reproductive Toxicity:	This product is not reported to cause reproductive effects in humans.		
11.7	Irritancy of Product:	The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) upon prolonged or repeated exposure.		
11.8	Biological Exposure Indices:	NE		
11.9	Physician Recommendations:	Treat symptomatically.		

## 12. ECOLOGICAL INFORMATION

12.1	Environmental Stability:	The components of this product will slowly degrade over time into a variety of organic compounds.
12.2	Effects on Plants & Animals:	There are no specific data available for this product.
12.3	Effects on Aquatic Life:	Product is expected to rapidly disperse in the aquatic environment.

## 13. DISPOSAL CONSIDERATIONS


13.1	Waste Disposal:	Review current local, state and federal laws, codes, statutes and regulations to determine current status and appropriate disposal method for the ingredients listed in Section 2. Any disposal practice must be in compliance with local, state, and federal laws and regulations.
13.2	Special Considerations:	Contact the federal, state or provincial environmental authority to determine suitability for recycling and or proper disposal requirements.

## 14. TRANSPORTATION INFORMATION

The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR.

14.1	49 CFR (GND):	NOT REGULATED
14.2	IATA (AIR):	NOT REGULATED
14.3	IMDG (OCN):	NOT REGULATED
14.4	TDGR (Canadian GND):	NOT REGULATED
14.5	ADR/RID (EU):	NOT REGULATED
14.6	SCT (MEXICO):	NOT REGULATED
14.7	ADGR (AUS):	NOT REGULATED

## 15. REGULATORY INFORMATION

15.1	SARA Reporting Requirements:	This product does not contain any substances subject to SARA Title III, Section 313 reporting requirements.	
15.2	SARA TPQ:	There are no specific Threshold Planning Quantities for the components of this product.	
15.3	TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory.	
15.4	CERCLA Reportable Quantity:	NA	
15.5	Other Federal Requirements:	This material does not contain any hazardous air pollutants. None of the components in this product are listed as priority pollutants under the CWA. None of the components in this product are listed as toxic pollutants under the CWA.	
15.6	Other Canadian Regulations:	This product has been classified according to the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDL. None of the components of this product are listed on the Priorities Substances List. WHMIS D2B (Other Toxic Effects)	
15.7	State Regulatory Information:	No ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI).	
15.8	Other Requirements:	This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> .	



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## 16. OTHER INFORMATION

16.1	Other Information:	<b>WARNING! CAUSES EYE IRRITATION.</b> Use only as directed. Discontinue use immediately if irritation develops. If in eyes Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention if irritation persists. <b>KEEP OUT OF REACH OF CHILDREN.</b>	
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.	
16.3	Disclaimer:	This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate's & Sun Bum's knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.	
16.4	Prepared for:	<b>Sun Bum LLC</b> 444 S Coast Hwy 101 Encinitas, CA 92024 USA Tel: +1 (321) 255-3250 <a href="http://www.trustthebum.com/">http://www.trustthebum.com/</a>	
16.5	Prepared by:	<b>ShipMate, Inc.</b> P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 <a href="http://www.shipmate.com">http://www.shipmate.com</a>	





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## DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

### GENERAL INFORMATION:

<b>CAS No.</b>	Chemical Abstract Service Number
<b>RTECS No.</b>	Registry of Toxic Effects of Chemical Substances Number
<b>EINECS No.</b>	European Inventory of Existing Commercial Chemical Substances Number

### EXPOSURE LIMITS IN AIR:

<b>ACGIH</b>	American Conference on Governmental Industrial Hygienists
<b>IDLH</b>	Immediately Dangerous to Life and Health
<b>NOHSC</b>	National Occupational Health and Safety Commission (Australia)
<b>OSHA</b>	U.S. Occupational Safety and Health Administration
<b>PEL</b>	Permissible Exposure Limit
<b>STEL</b>	Short Term Exposure Limit
<b>TLV</b>	Threshold Limit Value
<b>TWA</b>	Time Weighted Average

### FIRST AID MEASURES:

<b>CPR</b>	Cardiopulmonary resuscitation - method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body.
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### HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

### HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

<b>0</b>	Minimal Hazard
<b>1</b>	Slight Hazard
<b>2</b>	Moderate Hazard
<b>3</b>	Severe Hazard
<b>4</b>	Extreme Hazard

<b>HEALTH</b>
<b>FLAMMABILITY</b>
<b>PHYSICAL HAZARDS</b>
<b>PERSONAL PROTECTION</b>

### PERSONAL PROTECTION RATINGS:

<b>A</b>	
<b>B</b>	
<b>C</b>	
<b>D</b>	
<b>E</b>	
<b>F</b>	

<b>G</b>	
<b>H</b>	
<b>I</b>	
<b>J</b>	
<b>K</b>	
<b>X</b>	Consult your supervisor or SOPs for special handling directions.

Safety Glasses	Splash Goggles	Face Shield & Protective Eyewear	Gloves
Boots	Protective Apron	Protective Clothing & Full Suit	Dust Respirator
Full Face Respirator	Dust & Vapor Half-Mask Respirator	Full Face Respirator	Airline Hood/Mask or SCBA

### OTHER STANDARD ABBREVIATIONS:

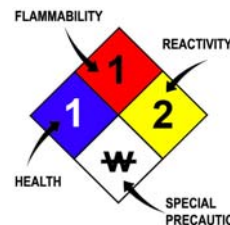
<b>Carc</b>	Carcinogenic
<b>Irrit</b>	Irritant
<b>NA</b>	Not Available
<b>NR</b>	No Results
<b>ND</b>	Not Determined
<b>NE</b>	Not Established
<b>NF</b>	Not Found
<b>SCBA</b>	Self-Contained Breathing Apparatus
<b>Sens</b>	Sensitization
<b>STOT RE</b>	Specific Target Organ Toxicity – Repeat Exposure
<b>STOT SE</b>	Specific Target Organ Toxicity – Single Exposure

### NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

<b>FLAMMABILITY LIMITS IN AIR:</b>	
<b>Autoignition Temperature</b>	Minimum temperature required to initiate combustion in air with no other source of ignition
<b>LEL</b>	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source
<b>UEL</b>	Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source

### HAZARD RATINGS:

<b>0</b>	Minimal Hazard
<b>1</b>	Slight Hazard
<b>2</b>	Moderate Hazard
<b>3</b>	Severe Hazard
<b>4</b>	Extreme Hazard
<b>ACD</b>	Acidic
<b>ALK</b>	Alkaline
<b>COR</b>	Corrosive
<b>W</b>	Use No Water
<b>OX</b>	Oxidizer
<b>TREFOIL</b>	Radioactive



### TOXICOLOGICAL INFORMATION:

<b>LD<sub>50</sub></b>	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
<b>LC<sub>50</sub></b>	Lethal concentration (gases) which kills 50% of the exposed animal
<b>ppm</b>	Concentration expressed in parts of material per million parts
<b>TD<sub>10</sub></b>	Lowest dose to cause a symptom
<b>TCLO</b>	Lowest concentration to cause a symptom
<b>TD<sub>10</sub>, LD<sub>10</sub>, &amp; LD<sub>50</sub> or TC, TC<sub>10</sub>, LC<sub>10</sub>, &amp; LC<sub>50</sub></b>	Lowest dose (or concentration) to cause lethal or toxic effects
<b>IARC</b>	International Agency for Research on Cancer
<b>NTP</b>	National Toxicology Program
<b>RTECS</b>	Registry of Toxic Effects of Chemical Substances
<b>BCF</b>	Bioconcentration Factor
<b>TL<sub>m</sub></b>	Median threshold limit
<b>log K<sub>OW</sub> or log K<sub>OC</sub></b>	Coefficient of Oil/Water Distribution

### REGULATORY INFORMATION:

<b>WHMIS</b>	Canadian Workplace Hazardous Material Information System
<b>DOT</b>	U.S. Department of Transportation
<b>TC</b>	Transport Canada
<b>EPA</b>	U.S. Environmental Protection Agency
<b>DSL</b>	Canadian Domestic Substance List
<b>NDSL</b>	Canadian Non-Domestic Substance List
<b>PSL</b>	Canadian Priority Substances List
<b>TSCA</b>	U.S. Toxic Substance Control Act
<b>EU</b>	European Union (European Union Directive 67/548/EEC)
<b>WGK</b>	Wassergefährdungsklassen (German Water Hazard Class)

### WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

### CLP/GHS (1272/2008/EC) PICTOGRAMS:

GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment



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SDS Revision: 1.2

SDS Revision Date: 7/2/2020

## 1. PRODUCT & COMPANY IDENTIFICATION

1.1	Product Name:	<b>SUN BUM SPF50 CONTINUOUS SUNSCREEN SPRAY</b>
1.2	Chemical Name:	Aerosol
1.3	Synonyms:	SB#103
1.4	Trade Names:	Sun Bum SPF50 Continuous Sunscreen Spray
1.5	Product Uses & Restrictions:	Personal Sundry
1.6	Distributor's Name:	<b>Sun Bum LLC</b>
1.7	Distributor's Address:	444 S Coast Hwy 101, Encinitas, CA 92024 USA
1.8	Emergency Phone:	<b>PERS +1 (801) 629-0667 / +1 (800) 633-8253 (CN11522)</b>
1.9	Business Phone / Fax:	+1 (321) 255-3250

## 2. HAZARDS IDENTIFICATION

2.1	Hazard Identification:	<p>This product is classified as a HAZARDOUS SUBSTANCE and as DANGEROUS GOODS according to the classification criteria of NOHSC: 1088 (2004) and ADG Code (Australia).</p> <p><b>WARNING! CONTAINS GAS UNDER PRESSURE; MAY EXPLODE IF HEATED. FLAMMABLE AEROSOL. PRESSURIZED CONTAINER: MAY BURST IF HEATED. MAY CAUSE AN ALLERGIC SKIN REACTION. CAUSES EYE IRRITATION.</b></p> <p><u>Classification:</u> Compressed Gas, Aerosol 2; Skin Sens. 1B; Eye Irrit. 2B</p>	
2.2	Label Elements:	<p><u>Hazard Statements (H):</u> H223 – Flammable aerosol. H229 – Pressurized container: may burst if heated. H280 – Contains Gas under pressure; may explode if heated. H317 – May cause an allergic skin reaction. H320 – Causes eye irritation.</p> <p><u>Precautionary Statements (P):</u> P210 – Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 – Do not spray on open flame or other ignition source. P251 – Do not pierce or burn, even after use. P261 – Avoid breathing fume/gas/mist/vapors/spray. P264 – Wash hands and exposed skin areas with soap and warm thoroughly after handling. P272 – Contaminated work clothing should not be allowed out of the workplace. P280 – Wear protective gloves/eyewear. P302+P352 – IF ON SKIN: Wash with plenty warm water and soap. P333+P313 – If skin irritation or rash occurs: Get medical advice/attention. P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 – If eye irritation persists get medical advice/attention. P362+P364 – Take off contaminated clothing and wash it before reuse. P370+P378 – In case of fire: Use Water, Foam, CO<sub>2</sub>, Dry Chemical, Halon (if authorized), to extinguish. P403+P235 – Store in a well-ventilated place. Keep cool. P410+P412 – Protect from sunlight. Do not expose to temperatures exceeding 50 °C (122 °F). P501 – Dispose of contents/container to a licensed treatment, storage or disposal facility (TSDF).</p>	
2.3	Other Warnings:	<b>KEEP OUT OF REACH OF CHILDREN.</b>	

## 3. COMPOSITION & INGREDIENT INFORMATION

CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	EXPOSURE LIMITS IN AIR (mg/m³)									OTHER
					ACGIH		NOHSC			OSHA				
					ppm		ppm			ppm				
					TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH		
ETHANOL (SD ALCOHOL 40B)	64-17-5	KQ6300000	200-578-6	75-100	1000	3000	1000	1800	NF	1000	1900	3300		
	Flam.Liq.2; H225													
HOMOSALATE	118-56-9	NA	204-260-8	10	NA	NA	NF	NF	NF	NA	NA	NA		
C <sub>12-15</sub> ALKYL BENZOATE	68411-27-8		270-112-4	5-25	NA	NA	NF	NF	NF	NA	NA	NA		
OCTOCRYLENE	6197-30-4	NA	228-250-8	5-10	NA	NA	NF	NF	NF	NA	NA	NA		
	Aq. Chronic 1; H410													
OCTISALATE	118-60-5	NA	204-263-4	5	NA	NA	NF	NF	NF	NA	NA	NA		
AVOBENZONE	70356-09-1	NA	274-581-6	3	NA	NA	NF	NF	NF	NA	NA	NA		
	Aq. Chronic 4; H413													
ACRYLATES/OCTYL-ACRYLAMIDE COPOLYMER	9004-87-9	NA	618-400-4	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
	Aq. Chronic 3													
DICAPRYLYL CARBONATE	1680-31-5	NA	NA	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
PPG-5 CETETH-20	9087-53-0	NA	NA	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
FRAGRANCE	RR-13684-5	NA	NA	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
TOCOPHEROL	10191-41-0	NA	233-466-0	< 1	NA	NA	NF	NF	NF	NA	NA	NA		





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SDS Revision: 1.2

SDS Revision Date: 7/2/2020

## 4. FIRST AID MEASURES

4.1	First Aid:	<p><b>Ingestion:</b> If ingested, do not induce vomiting. Contact the nearest Poison Control Center or local emergency number. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed.</p> <p><b>Eyes:</b> Splashes are not likely; however, if product gets in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes lifting upper and lower lids, occasionally.</p> <p><b>Skin:</b> Wash thoroughly with soap and water. In case of contact, immediately flush skin with plenty of water for at least 15 minutes.</p> <p><b>Inhalation:</b> Remove victim to fresh air at once. If breathing is difficult, administer oxygen. If breathing stops give artificial respiration. Keep person warm, quiet and get medical attention.</p>															
4.2	Effects of Exposure:	<p><b>Ingestion:</b> If product is swallowed, may cause gastrointestinal disturbance.</p> <p><b>Eyes:</b> Exposure to fumes/vapors may cause eye irritation. Symptoms of overexposure may include redness, itching, irritation and watering.</p> <p><b>Skin:</b> May be irritating to skin. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in some sensitive individuals.</p> <p><b>Inhalation:</b> Coughing, wheezing, shortness of breath, impaired pulmonary function. Irritation or soreness in throat, nose and respiratory tract. Drowsiness, dizziness, headaches and nausea.</p>															
4.3	Symptoms of Overexposure:	<p><b>Ingestion:</b> If product is swallowed, may cause gastrointestinal disturbance.</p> <p><b>Eyes:</b> Exposure to fumes/vapors may cause eye irritation. Symptoms of overexposure may include redness, itching, irritation and watering.</p> <p><b>Skin:</b> May be irritating to skin. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in some sensitive individuals.</p> <p><b>Inhalation:</b> Coughing, wheezing, shortness of breath, impaired pulmonary function. Irritation or soreness in throat, nose and respiratory tract. Additionally, high concentrations of vapors can cause drowsiness, dizziness, headaches and nausea.</p>															
4.4	Acute Health Effects:	Moderate irritation to eyes and skin near affected areas. Additionally, high concentrations of fumes/vapors can cause coughing, wheezing, shortness of breath, impaired pulmonary function. Irritation or soreness in throat, nose and respiratory tract.															
4.5	Chronic Health Effects:	Possible allergic dermatitis in some sensitive individuals.															
4.6	Target Organs:	Eyes, Skin, Respiratory System, Central Nervous System (CNS).															
4.7	Medical Conditions Aggravated by Exposure:	Pre-existing dermatitis, other skin conditions, and disorders of the target organs (eyes, skin) or impaired kidney function may be more susceptible to the effects of this substance.															
		<table><tr><td colspan="2"><b>HEALTH</b></td><td><b>1</b></td></tr><tr><td colspan="2"><b>FLAMMABILITY</b></td><td><b>3</b></td></tr><tr><td colspan="2"><b>PHYSICAL HAZARDS</b></td><td><b>0</b></td></tr><tr><td colspan="2"><b>PROTECTIVE EQUIPMENT</b></td><td><b>B</b></td></tr><tr><td><b>EYES</b></td><td><b>SKIN</b></td><td></td></tr></table>	<b>HEALTH</b>		<b>1</b>	<b>FLAMMABILITY</b>		<b>3</b>	<b>PHYSICAL HAZARDS</b>		<b>0</b>	<b>PROTECTIVE EQUIPMENT</b>		<b>B</b>	<b>EYES</b>	<b>SKIN</b>	
<b>HEALTH</b>		<b>1</b>															
<b>FLAMMABILITY</b>		<b>3</b>															
<b>PHYSICAL HAZARDS</b>		<b>0</b>															
<b>PROTECTIVE EQUIPMENT</b>		<b>B</b>															
<b>EYES</b>	<b>SKIN</b>																

## 5. FIREFIGHTING MEASURES

5.1	Fire & Explosion Hazards:	<b>FLAMMABLE AEROSOL.</b> Level 2 Aerosol (NFPA 30B). Aerosols may burst at temperatures above 120 °F. Cool uninvolved containers to prevent possible bursting. Aerosols may be projectile hazards when bursting. If aerosols are bursting, stay clear until bursting is complete. Containers may rupture and release flammable liquids or/and exposed gases if exposed to the heat of fire. Keep containers cool by spraying them with water until the fire has been extinguished. Keep away from heat, lit cigarettes, sparks & open flame. Keep container closed. When exposed to high temperatures, may produce hazardous decomposition products such as oxides of carbon (e.g., CO, CO <sub>2</sub> ) and nitrogen (e.g., NO <sub>x</sub> ) and smoke.	
5.2	Extinguishing Methods:	Water, Foam, CO <sub>2</sub> , Dry Chemical, Halon (if authorized)	
5.3	Firefighting Procedures:	As in any fire, wear MSHA/NIOSH approved self-contained breathing apparatus (pressure-demand) and full protective gear. Keep containers cool until well after the fire is out. Use water spray to cool fire-exposed surfaces and to protect personal. Fight fire upwind. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway. Firefighters must use full bunker gear including NIOSH-approved positive pressure self-contained breathing apparatus to protect against potential hazardous combustion or decomposition products and oxygen deficiencies.	



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## 6. ACCIDENTAL RELEASE MEASURES

6.1	Spills:	<p>Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment (PPE).</p> <p>For <u>small spills</u> (e.g., &lt; 1 gallon (3.8 L)) wear appropriate personal protective equipment (e.g., goggles, gloves). Maximize ventilation (open doors and windows) and secure all sources of ignition. Remove spilled material with absorbent material and place into appropriate closed container(s) for disposal. Dispose of properly in accordance with local, state and federal regulations. Wash all affected areas and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse.</p> <p>For <u>large spills</u> (e.g., ≥ 1 gallon (3.8 L)), deny entry to all unprotected individuals. Dike and contain spill with inert material (e.g., sand or earth). Use ONLY non-sparking tools for recovery and cleanup. Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for proper disposal. Remove contaminated clothing promptly and wash affected skin areas with soap and water. Keep spills and cleaning runoffs out of drains, municipal sewers and open bodies of water.</p>
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## 7. HANDLING & STORAGE INFORMATION

7.1	Work & Hygiene Practices:	Do not eat, drink, or smoke while handling this product.
7.2	Storage & Handling:	Use and store in a cool, dry, well-ventilated location (e.g., local exhaust ventilation, fans). Keep away from excessive heat and open flames. Avoid temperatures above 120 °F. Keep away from incompatible substances. Protect containers from physical damage.
7.3	Special Precautions:	Spilled material may present a slipping hazard if left unattended. Clean all spills promptly.

## 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1	Exposure Limits: ppm (mg/m <sup>3</sup> )	ACGIH		NOHSC			OSHA			OTHER	
		CHEMICAL NAME(S)		TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH
		ETHANOL (SD ALCOHOL 40B)		1000	3000	1000	1800	NF	1000	1900	3300
8.2	Ventilation & Engineering Controls:	Use local or general exhaust ventilation to effectively remove and prevent buildup of vapors or mist generated from the handling of this product. Ensure appropriate decontamination equipment is available (e.g., sink, safety shower, eye-wash station).									
8.3	Respiratory Protection:	No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134, or applicable U.S. state regulations, or the appropriate standards of Canada, its provinces, EU member states, or Australia.									
8.4	Eye Protection:	Use gloves constructed of chemical-resistant materials such as neoprene or heavy nitrile rubber if frequent or prolonged contact is expected. If necessary, refer to U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada, or the EU member states.									
8.5	Hand Protection:	However, no special body protection is required under typical circumstances of use and handling. If necessary, refer to appropriate standards of Canada, the EU member states, or U.S. OSHA.									
8.6	Body Protection:	No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134, or applicable U.S. state regulations, or the appropriate standards of Canada, its provinces, EU member states, or Australia.									

## 9. PHYSICAL & CHEMICAL PROPERTIES

9.1	Appearance:	Clear yellow liquid. Aerosol.
9.2	Odor:	Tropical/fruity with alcohol odor.
9.3	Odor Threshold:	NA
9.4	pH:	NA
9.5	Melting Point/Freezing Point:	NA
9.6	Initial Boiling Point/Boiling Range:	NA
9.7	Flashpoint:	NA
9.8	Upper/Lower Flammability Limits:	NA
9.9	Vapor Pressure:	NA
9.10	Vapor Density:	NA
9.11	Relative Density:	0.88-0.90
9.12	Solubility:	Insoluble
9.13	Partition Coefficient (log P <sub>ow</sub> ):	NA
9.14	Autoignition Temperature:	NA
9.15	Decomposition Temperature:	NA
9.16	Viscosity:	NA
9.17	Other Information:	NA



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## 10. STABILITY & REACTIVITY

10.1	Stability:	This product is stable.
10.2	Hazardous Decomposition Products:	Oxides of carbon and nitrogen.
10.3	Hazardous Polymerization:	Will not occur.
10.4	Conditions to Avoid:	Open flames, sparks, high heat and direct sunlight. Avoid freezing.
10.5	Incompatible Substances:	Strong acids, strong bases, strong oxidizing and reducing agents.

## 11. TOXICOLOGICAL INFORMATION

11.1	Routes of Entry:	Inhalation: NO	Absorption: YES	Ingestion: YES
11.2	Toxicity Data:	This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components of the product, but are not presented in this document.		
11.3	Acute Toxicity:	See Section 4.4.		
11.4	Chronic Toxicity:	See Section 4.5.		
11.5	Suspected Carcinogen:	This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm.		
11.6	Reproductive Toxicity:	This product is not reported to produce reproductive toxicity in humans.		
	Mutagenicity:	This product is not reported to produce mutagenic effects in humans.		
	Embryotoxicity:	This product is not reported to produce embryotoxic effects in humans.		
	Teratogenicity:	This product is not reported to cause teratogenic effects in humans.		
	Reproductive Toxicity:	This product is not reported to cause reproductive effects in humans.		
11.7	Irritancy of Product:	See Section 4.3.		
11.8	Biological Exposure Indices:	NE		
11.9	Physician Recommendations:	Treat symptomatically.		

## 12. ECOLOGICAL INFORMATION

12.1	Environmental Stability:	The components of this product will slowly degrade over time into a variety of organic compounds.
12.2	Effects on Plants & Animals:	There are no specific data available for this product.
12.3	Effects on Aquatic Life:	Product is expected to rapidly disperse in the aquatic environment.

## 13. DISPOSAL CONSIDERATIONS

13.1	Waste Disposal:	Review current local, state and federal laws, codes, statutes and regulations to determine current status and appropriate disposal method for the ingredients listed in Section 2. Any disposal practice must be in compliance with local, state, and federal laws and regulations.
13.2	Special Considerations:	Contact the federal, state or provincial environmental authority to determine suitability for recycling and or proper disposal requirements. U.S. EPA Hazardous Waste (Characteristic – Ignitable): D001

## 14. TRANSPORTATION INFORMATION

The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR.

14.1	49 CFR (GND):	CONSUMER COMMODITY, ORM-D (IP VOL ≤ 1.0 L) – until 12/31/20 UN1950, AEROSOLS, 2.1 (LTD QTY, IP VOL ≤ 1.0 L)	
14.2	IATA (AIR):	CONSUMER COMMODITY, 9, ID8000 (IP VOL ≤ 0.5 L) UN1950, AEROSOLS, FLAMMABLE, 2.1 (LTD QTY, IP VOL ≤ 0.5 L)	or
14.3	IMDG (OCN):	UN1950, AEROSOLS, 2.1 (LTD QTY, IP VOL ≤ 1.0 L)	
14.4	TDGR (Canadian GND):	UN1950, AEROSOLS, FLAMMABLE, 2.1 (LTD QTY, IP VOL ≤ 1.0 L)	
14.5	ADR/RID (EU):	UN1950, AEROSOLS, 2.1 (LTD QTY, IP VOL ≤ 1.0 L)	
14.6	SCT (MEXICO):	UN1950, AEROSOLS, 2.1 (CANT. LTDA., IP VOL ≤ 1.0 L)	
14.7	ADGR (AUS):	UN1950, AEROSOLS, 2.1 (LTD QTY, IP VOL ≤ 1.0 L)	



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## 15. REGULATORY INFORMATION

15.1	SARA Reporting Requirements:	This product does not contain any substances subject to SARA Title III, Section 313 reporting requirements.
15.2	SARA Threshold Planning Quantity:	There are no specific Threshold Planning Quantities for the components of this product.
15.3	TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory.
15.4	CERCLA Reportable Quantity (RQ):	NA
15.5	Other Federal Requirements:	This material does not contain any hazardous air pollutants. None of the components in this product are listed as priority pollutants under the CWA. None of the components in this product are listed as toxic pollutants under the CWA.
15.6	Other Canadian Regulations:	This product has been classified according to the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDL. None of the components of this product are listed on the Priorities Substances List. WHMIS B5, D2B (Aerosol, Other Toxic Effects)
15.7	State Regulatory Information:	<u>Ethanol</u> is found on the following state criteria lists: Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), Pennsylvania Right-to-Know List (PA), and Washington Permissible Exposures List (WA). No ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI).
15.8	Other Requirements:	This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>



## 16. OTHER INFORMATION

16.1	Other Information:	<b>WARNING! FLAMMABLE AEROSOL. PRESSURIZED CONTAINER: MAY BURST IF HEATED. CAUSES SERIOUS EYE IRRITATION. MAY CAUSE AN ALLERGIC SKIN REACTION.</b> Use only as directed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on open flame or other ignition source. Do not pierce or burn, even after use. Avoid breathing fume/gas/mist/vapors/spray. Wash hands and exposed skin areas with soap and warm thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/eyewear. IF ON SKIN: Wash with plenty warm water and soap. If skin irritation or rash occurs: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists get medical advice/attention. Take off contaminated clothing and wash it before reuse. In case of fire: Use Water, Foam, CO <sub>2</sub> , Dry Chemical, Halon (if authorized), to extinguish. Store in a well-ventilated place. Keep cool. Protect from sunlight. Do not expose to temperatures exceeding 50 °C (122 °F). <b>KEEP OUT OF REACH OF CHILDREN.</b>	
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.	
16.3	Disclaimer:	This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate's & Sun Bum's knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.	
16.4	Prepared for:	<b>Sun Bum LLC</b> 444 S Coast Hwy 101 Encinitas, CA 92024 USA Tel: +1 (321) 255-3250 <a href="http://www.trustthebum.com/">http://www.trustthebum.com/</a>	
16.5	Prepared by:	<b>ShipMate, Inc.</b> P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 <a href="http://www.shipmate.com">http://www.shipmate.com</a>	



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## DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

### GENERAL INFORMATION:

<b>CAS No.</b>	Chemical Abstract Service Number
<b>RTECS No.</b>	Registry of Toxic Effects of Chemical Substances Number
<b>EINECS No.</b>	European Inventory of Existing Commercial Chemical Substances Number

### EXPOSURE LIMITS IN AIR:

<b>ACGIH</b>	American Conference on Governmental Industrial Hygienists
<b>IDLH</b>	Immediately Dangerous to Life and Health
<b>NOHSC</b>	National Occupational Health and Safety Commission (Australia)
<b>OSHA</b>	U.S. Occupational Safety and Health Administration
<b>PEL</b>	Permissible Exposure Limit
<b>STEL</b>	Short Term Exposure Limit
<b>TLV</b>	Threshold Limit Value
<b>TWA</b>	Time Weighted Average

### FIRST AID MEASURES:

<b>CPR</b>	Cardiopulmonary resuscitation - method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body.
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### HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

### HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

<b>0</b>	Minimal Hazard
<b>1</b>	Slight Hazard
<b>2</b>	Moderate Hazard
<b>3</b>	Severe Hazard
<b>4</b>	Extreme Hazard

<b>HEALTH</b>
<b>FLAMMABILITY</b>
<b>PHYSICAL HAZARDS</b>
<b>PERSONAL PROTECTION</b>

### PERSONAL PROTECTION RATINGS:

<b>A</b>	
<b>B</b>	
<b>C</b>	
<b>D</b>	
<b>E</b>	
<b>F</b>	

<b>G</b>	
<b>H</b>	
<b>I</b>	
<b>J</b>	
<b>K</b>	
<b>X</b>	Consult your supervisor or SOPs for special handling directions.

Safety Glasses	Splash Goggles	Face Shield & Protective Eyewear	Gloves
Boots	Protective Apron	Protective Clothing & Full Suit	Dust Respirator
Full Face Respirator	Dust & Vapor Half-Mask Respirator	Full Face Respirator	Airline Hood/Mask or SCBA

### OTHER STANDARD ABBREVIATIONS:

<b>Carc</b>	Carcinogenic
<b>Irrit</b>	Irritant
<b>NA</b>	Not Available
<b>NR</b>	No Results
<b>ND</b>	Not Determined
<b>NE</b>	Not Established
<b>NF</b>	Not Found
<b>SCBA</b>	Self-Contained Breathing Apparatus
<b>Sens</b>	Sensitization
<b>STOT RE</b>	Specific Target Organ Toxicity – Repeat Exposure
<b>STOT SE</b>	Specific Target Organ Toxicity – Single Exposure

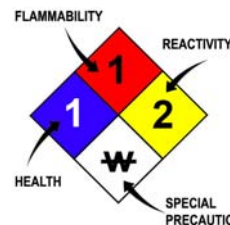
### NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

#### FLAMMABILITY LIMITS IN AIR:

<b>Autoignition Temperature</b>	Minimum temperature required to initiate combustion in air with no other source of ignition
<b>LEL</b>	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source
<b>UEL</b>	Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source

### HAZARD RATINGS:

<b>0</b>	Minimal Hazard
<b>1</b>	Slight Hazard
<b>2</b>	Moderate Hazard
<b>3</b>	Severe Hazard
<b>4</b>	Extreme Hazard
<b>ACD</b>	Acidic
<b>ALK</b>	Alkaline
<b>COR</b>	Corrosive
<b>W</b>	Use No Water
<b>OX</b>	Oxidizer
<b>TREFOIL</b>	Radioactive



### TOXICOLOGICAL INFORMATION:

<b>LD<sub>50</sub></b>	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
<b>LC<sub>50</sub></b>	Lethal concentration (gases) which kills 50% of the exposed animal
<b>ppm</b>	Concentration expressed in parts of material per million parts
<b>TD<sub>10</sub></b>	Lowest dose to cause a symptom
<b>TCLO</b>	Lowest concentration to cause a symptom
<b>TD<sub>10</sub>, LD<sub>10</sub>, &amp; LD<sub>50</sub> or TC, TC<sub>10</sub>, LC<sub>10</sub>, &amp; LC<sub>50</sub></b>	Lowest dose (or concentration) to cause lethal or toxic effects
<b>IARC</b>	International Agency for Research on Cancer
<b>NTP</b>	National Toxicology Program
<b>RTECS</b>	Registry of Toxic Effects of Chemical Substances
<b>BCF</b>	Bioconcentration Factor
<b>TL<sub>m</sub></b>	Median threshold limit
<b>log K<sub>OW</sub> or log K<sub>OC</sub></b>	Coefficient of Oil/Water Distribution

### REGULATORY INFORMATION:

<b>WHMIS</b>	Canadian Workplace Hazardous Material Information System
<b>DOT</b>	U.S. Department of Transportation
<b>TC</b>	Transport Canada
<b>EPA</b>	U.S. Environmental Protection Agency
<b>DSL</b>	Canadian Domestic Substance List
<b>NDSL</b>	Canadian Non-Domestic Substance List
<b>PSL</b>	Canadian Priority Substances List
<b>TSCA</b>	U.S. Toxic Substance Control Act
<b>EU</b>	European Union (European Union Directive 67/548/EEC)
<b>WGK</b>	Wassergefährdungsklassen (German Water Hazard Class)

### WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

### CLP/GHS (1272/2008/EC) PICTOGRAMS:

GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment





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Prepared to OSHA, ACC, ANSI, WHSR, WHMIS, EU & GHS Standards

SDS Revision: 1.1

SDS Revision Date: 8/22/2019

## 1. PRODUCT & COMPANY IDENTIFICATION

1.1	Product Name:	<b>SUN BUM SPF50 FACE LOTION</b>
1.2	Chemical Name:	Aqueous Solution
1.3	Synonyms:	SB#110
1.4	Trade Names:	Sun Bum SPF50 Face Lotion
1.5	Product Uses & Restrictions:	Personal Sundry
1.6	Distributor's Name:	<b>Sun Bum LLC</b>
1.7	Distributor's Address:	444 S Coast Hwy 101, Encinitas, CA 92024 USA
1.8	Emergency Phone:	<b>PERS +1 (801) 629-0667 / +1 (800) 633-8253 (CN11522)</b>
1.9	Business Phone / Fax:	+1 (321) 255-3250

## 2. HAZARDS IDENTIFICATION

2.1	Hazard Identification:	This product is NOT classified as a HAZARDOUS SUBSTANCE or as DANGEROUS GOODS according to the classification criteria of Australian WHS Act & Regulations and Australian Dangerous Goods (ADG) Code. <b>WARNING! CAUSES EYE IRRITATION.</b> Classification: Eye Irrit 2B										
2.2	Label Elements:	<b>Hazard Statements (H):</b> H320 – Causes eye irritation. <b>Precautionary Statements (P):</b> P264 – Wash thoroughly after handling. P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 – If eye irritation persists get medical advice/attention. P333+P313 – If skin irritation or rash occurs: Get medical advice/attention. P321 – Specific treatment: see Section 4 of this SDS.										
2.3	Other Warnings:	<b>KEEP OUT OF REACH OF CHILDREN.</b>										

## 3. COMPOSITION & INGREDIENT INFORMATION

CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	EXPOSURE LIMITS IN AIR (mg/m <sup>3</sup> )									OTHER
					ACGIH		NOHSC			OSHA				
					ppm		ppm			ppm				
					TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH		
WATER	7732-18-5	ZC0110000	231-791-2	75-100	NA	NA	NF	NF	NF	NA	NA	NA		
OCTOCRYLENE	6197-30-4 Aq. Chronic 1; H410	NA	228-250-8	5-25	NA	NA	NF	NF	NF	NA	NA	NA		
HOMOSALATE	118-56-9	NA	204-260-8	5-25	NA	NA	NF	NF	NF	NA	NA	NA		
OCTISALATE	118-60-5	NA	204-263-4	3-7	NA	NA	NF	NF	NF	NA	NA	NA		
AVOBENZONE	70356-09-1 Aq. Chronic 4; H413	NA	274-581-6	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
BUTYLOCTYL SALICYLATE	190085-41-7 Aq. Chronic 1	NA	NA	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
GLYCERYL STEARATE	85666-92-8	NA	NA	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
HYDRATED SILICA	112926-00-8	VV7315000	231-545-4	1-5	(2)	NA	10	NF	NF	(6)	NA	NA	(2) NIOSH	
STYRENE/ACRYLATES COPOLYMER	9010-92-8	NA	NA	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
VP/HEXADECENE COPOLYMER	32440-50-9	NA	NA	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
BEHENYL ALCOHOL	661-19-8	NA	211-546-6	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
BHT	128-37-0	GO7875000	204-881-4	< 1.0	NA	NA	10	NF	NF	NA	NA	NA		
CAPRYLYL METHICONE	17955-88-3	NA	241-881-3	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
DIMETHICONE	9006-65-9 Eye Irrit. 2A; H319	NA	NA	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
DIMETHYL CAPRAMIDE	14433-76-2 Skin Irrit. 2, Eye Irrit. 2A, STOT SE 3, Aq. Chronic 3; H315, H319, H335, H412	NA	238-405-1	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
DISODIUM EDTA	6381-92-6	AH4410000	205-358-3	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
ETHYLHEXYL STEARATE	22047-49-0	NA	244-754-0	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
ETHYLHEXYLGLYCERIN	70445-33-9 Eye Dam. 1, Aq. Chronic 3; H318, H412	NA	408-080-2	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		



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## 3. COMPOSITION & INGREDIENT INFORMATION – cont'd

CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	EXPOSURE LIMITS IN AIR (mg/m <sup>3</sup> )									OTHER
					ACGIH		NOHSC			OSHA				
					ppm		ppm			ppm				
					TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH		
METHYISOTHIAZOLINONE	2682-20-4	NA	220-239-6	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
PEG-100 STEARATE	9004-99-3	MD0907300	618-405-1	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
	Skin Irrit. 1, Skin Sens. 2													
POLYAMINOPROPYL BIGUANIDE	32289-58-0 27083-27-8 28757-47-3 33029-32-0	NA	NA	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
POLYESTER-8	25038-59-9	NA	NA	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
SODIUM POLYACRYLATE	9003-04-7	NA	NA	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
TOCOPHERYL ACETATE	7695-91-2	GA8747000	231-710-0	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
TRIDECETH-6	24938-91-8 69011-36-5	YD4571000 NA	607-463-3 500-241-6	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
TRIMETHYLSILOXYSILICATE	56275-01-5	NA	NA	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
XANTHAN GUM	11138-66-2	NA	234-394-2	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		

## 4. FIRST AID MEASURES

4.1	First Aid:	<p><u>Ingestion:</u> If ingested, DO NOT INDUCE VOMITING. Contact the nearest Poison Control Center or local emergency number. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed.</p> <p><u>Eyes:</u> Splashes are not likely; however, if product gets in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes. If irritation occurs, contact a physician.</p> <p><u>Skin:</u> If irritation occurs and product is on the skin, rinse thoroughly with lukewarm water, followed by a thorough washing of the affected area with soap and water. If irritation, redness or swelling persists, contact a physician immediately.</p> <p><u>Inhalation:</u> Remove victim to fresh air at once.</p>															
4.2	Effects of Exposure:	<p><u>Ingestion:</u> If product is swallowed, may cause nausea, vomiting and/or diarrhea.</p> <p><u>Eyes:</u> Moderately irritating to the eyes. Symptoms of overexposure may include redness, itching, irritation and watering.</p> <p><u>Skin:</u> None expected. In some sensitive individuals, the product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in rare instances.</p> <p><u>Inhalation:</u> None expected.</p>															
4.3	Symptoms of Overexposure:	Overexposure in eyes may cause redness, itching and watering. In some sensitive individuals, symptoms of skin overexposure may include redness, itching, and irritation of affected areas.															
4.4	Acute Health Effects:	Moderate irritation to eyes. In some sensitive individuals moderate irritation to skin near affected areas.															
4.5	Chronic Health Effects:	No harmful or chronic health effects are expected to occur from a single accidental ingestion.															
4.6	Target Organs:	Eyes, Skin															
4.7	Medical Conditions Aggravated by Exposure:	Pre-existing dermatitis, other skin conditions, and disorders of the target organs (eyes, skin).															
		<table><tr><td colspan="2">HEALTH</td><td>1</td></tr><tr><td colspan="2">FLAMMABILITY</td><td>0</td></tr><tr><td colspan="2">PHYSICAL HAZARDS</td><td>0</td></tr><tr><td colspan="2">PROTECTIVE EQUIPMENT</td><td>A</td></tr><tr><td>EYES</td><td></td><td></td></tr></table>	HEALTH		1	FLAMMABILITY		0	PHYSICAL HAZARDS		0	PROTECTIVE EQUIPMENT		A	EYES		
HEALTH		1															
FLAMMABILITY		0															
PHYSICAL HAZARDS		0															
PROTECTIVE EQUIPMENT		A															
EYES																	

## 5. FIREFIGHTING MEASURES

5.1	Fire & Explosion Hazards:	This product is non-flammable. When exposed to high temperatures, may produce hazardous decomposition products such as oxides of carbon (e.g., CO, CO <sub>2</sub> ) and nitrogen (e.g., NO <sub>x</sub> ) and smoke.	
5.2	Extinguishing Methods:	Water, Foam, CO <sub>2</sub> , Dry Chemical	
5.3	Firefighting Procedures:	As in any fire, wear MSHA/NIOSH approved self-contained breathing apparatus (pressure-demand) and full protective gear. Keep containers cool until well after the fire is out. Use water spray to cool fire-exposed surfaces and to protect personal. Fight fire upwind. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway. Firefighters must use full bunker gear including NIOSH-approved positive pressure self-contained breathing apparatus to protect against potential hazardous combustion or decomposition products and oxygen deficiencies.	

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## 9. PHYSICAL & CHEMICAL PROPERTIES

9.1	Appearance:	Smooth, white lotion.
9.2	Odor:	Banana/Vanilla odor.
9.3	Odor Threshold:	NA
9.4	pH:	5.50-6.50
9.5	Melting Point/Freezing Point:	NA
9.6	Initial Boiling Point/Boiling Range:	ND
9.7	Flashpoint:	NA
9.8	Upper/Lower Flammability Limits:	NA
9.9	Vapor Pressure:	NA
9.10	Vapor Density:	NA
9.11	Relative Density:	1.00-1.03
9.12	Solubility:	Moderately Soluble
9.13	Partition Coefficient (log P <sub>ow</sub> ):	NA
9.14	Autoignition Temperature:	NA
9.15	Decomposition Temperature:	NA
9.16	Viscosity:	15,000-35,000 cPs
9.17	Other Information:	NA

## 10. STABILITY & REACTIVITY

10.1	Stability:	This product is stable.
10.2	Hazardous Decomposition Products:	Oxides of carbon (CO, CO <sub>2</sub> ) and nitrogen (NO <sub>x</sub> ).
10.3	Hazardous Polymerization:	Will not occur.
10.4	Conditions to Avoid:	Open flames, sparks and high heat. Extreme temperatures.
10.5	Incompatible Substances:	Strong oxidizing agents.

## 11. TOXICOLOGICAL INFORMATION

11.1	Routes of Entry:	Inhalation: NO	Absorption: YES	Ingestion: YES
11.2	Toxicity Data:	This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components of the product, but are not presented in this document.		
11.3	Acute Toxicity:	See Section 4.4.		
11.4	Chronic Toxicity:	See Section 4.5.		
11.5	Suspected Carcinogen:	This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm.		
11.6	Reproductive Toxicity:	This product is not reported to produce reproductive toxicity in humans.		
	Mutagenicity:	This product is not reported to produce mutagenic effects in humans.		
	Embryotoxicity:	This product is not reported to produce embryotoxic effects in humans.		
	Teratogenicity:	This product is not reported to cause teratogenic effects in humans.		
	Reproductive Toxicity:	This product is not reported to cause reproductive effects in humans.		
11.7	Irritancy of Product:	See Section 4.3		
11.8	Biological Exposure Indices:	NE		
11.9	Physician Recommendations:	Treat symptomatically.		

## 12. ECOLOGICAL INFORMATION

12.1	Environmental Stability:	There is no specific data available for this product.
12.2	Effects on Plants & Animals:	There is no specific data available for this product.
12.3	Effects on Aquatic Life:	The product itself has not been tested as a whole. There is no specific data available for this product.

## 13. DISPOSAL CONSIDERATIONS

13.1	Waste Disposal:	Dispose of in accordance with federal, state and local regulations.
13.2	Special Considerations:	NA



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## 14. TRANSPORTATION INFORMATION



The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR.

14.1	49 CFR (GND):	NOT REGULATED
14.2	IATA (AIR):	NOT REGULATED
14.3	IMDG (OCN):	NOT REGULATED
14.4	TDGR (Canadian GND):	NOT REGULATED
14.5	ADR/RID (EU):	NOT REGULATED
14.6	SCT (MEXICO):	NOT REGULATED
14.7	ADGR (AUS):	NOT REGULATED

## 15. REGULATORY INFORMATION

15.1	SARA Reporting Requirements:	This product does not contain any substances subject to SARA Title III, Section 313 reporting requirements.
15.2	SARA Threshold Planning Quantity:	There are no specific Threshold Planning Quantities for the components of this product.
15.3	TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory.
15.4	CERCLA Reportable Quantity (RQ):	NA
15.5	Other Federal Requirements:	This product complies with the appropriate sections of the Food and Drug Administration's 21 CFR subchapter G (Cosmetics). This material does not contain any hazardous air pollutants. None of the components in this product are listed as priority pollutants under the CWA. None of the components in this product are listed as toxic pollutants under the CWA.
15.6	Other Canadian Regulations:	This product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDL. None of the components of this product are listed on the Priorities Substances List.
15.7	State Regulatory Information:	None of the ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI). This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm.
15.8	Other Requirements:	This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

## 16. OTHER INFORMATION

16.1	Other Information:	<b>WARNING! CAUSES EYE IRRITATION.</b> For external use only. Discontinue use immediately if irritation develops. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If eye or skin irritation or rash persists: Get medical advice/attention. <b>KEEP OUT OF REACH OF CHILDREN.</b>
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.
16.3	Disclaimer:	This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate's & Sun Bum's knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.
16.4	Prepared for:	<b>Sun Bum LLC</b> 444 S Coast Hwy 101 Encinitas, CA 92024 USA Tel: +1 (321) 255-3250 <a href="http://www.trustthebum.com/">http://www.trustthebum.com/</a> 
16.5	Prepared by:	<b>ShipMate, Inc.</b> P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 <a href="http://www.shipmate.com">http://www.shipmate.com</a> 



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## DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

### GENERAL INFORMATION:

<b>CAS No.</b>	Chemical Abstract Service Number
<b>RTECS No.</b>	Registry of Toxic Effects of Chemical Substances Number
<b>EINECS No.</b>	European Inventory of Existing Commercial Chemical Substances Number

### EXPOSURE LIMITS IN AIR:

<b>ACGIH</b>	American Conference on Governmental Industrial Hygienists
<b>IDLH</b>	Immediately Dangerous to Life and Health
<b>NOHSC</b>	National Occupational Health and Safety Commission (Australia)
<b>OSHA</b>	U.S. Occupational Safety and Health Administration
<b>PEL</b>	Permissible Exposure Limit
<b>STEL</b>	Short Term Exposure Limit
<b>TLV</b>	Threshold Limit Value
<b>TWA</b>	Time Weighted Average

### FIRST AID MEASURES:

<b>CPR</b>	Cardiopulmonary resuscitation - method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body.
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### HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

### HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

<b>0</b>	Minimal Hazard
<b>1</b>	Slight Hazard
<b>2</b>	Moderate Hazard
<b>3</b>	Severe Hazard
<b>4</b>	Extreme Hazard

<b>HEALTH</b>
<b>FLAMMABILITY</b>
<b>PHYSICAL HAZARDS</b>
<b>PERSONAL PROTECTION</b>

### PERSONAL PROTECTION RATINGS:

<b>A</b>	
<b>B</b>	
<b>C</b>	
<b>D</b>	
<b>E</b>	
<b>F</b>	

<b>G</b>	
<b>H</b>	
<b>I</b>	
<b>J</b>	
<b>K</b>	
<b>X</b>	Consult your supervisor or SOPs for special handling directions.

Safety Glasses	Splash Goggles	Face Shield & Protective Eyewear	Gloves
Boots	Protective Apron	Protective Clothing & Full Suit	Dust Respirator
Full Face Respirator	Dust & Vapor Half-Mask Respirator	Full Face Respirator	Airline Hood/Mask or SCBA

### OTHER STANDARD ABBREVIATIONS:

<b>Carc</b>	Carcinogenic
<b>Irrit</b>	Irritant
<b>NA</b>	Not Available
<b>NR</b>	No Results
<b>ND</b>	Not Determined
<b>NE</b>	Not Established
<b>NF</b>	Not Found
<b>SCBA</b>	Self-Contained Breathing Apparatus
<b>Sens</b>	Sensitization
<b>STOT RE</b>	Specific Target Organ Toxicity – Repeat Exposure
<b>STOT SE</b>	Specific Target Organ Toxicity – Single Exposure

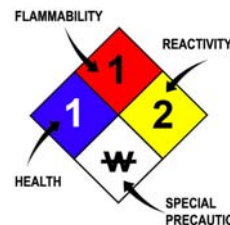
### NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

#### FLAMMABILITY LIMITS IN AIR:

<b>Autoignition Temperature</b>	Minimum temperature required to initiate combustion in air with no other source of ignition
<b>LEL</b>	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source
<b>UEL</b>	Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source

### HAZARD RATINGS:

<b>0</b>	Minimal Hazard
<b>1</b>	Slight Hazard
<b>2</b>	Moderate Hazard
<b>3</b>	Severe Hazard
<b>4</b>	Extreme Hazard
<b>ACD</b>	Acidic
<b>ALK</b>	Alkaline
<b>COR</b>	Corrosive
<b>W</b>	Use No Water
<b>OX</b>	Oxidizer
<b>TREFOIL</b>	Radioactive



### TOXICOLOGICAL INFORMATION:

<b>LD<sub>50</sub></b>	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
<b>LC<sub>50</sub></b>	Lethal concentration (gases) which kills 50% of the exposed animal
<b>ppm</b>	Concentration expressed in parts of material per million parts
<b>TD<sub>10</sub></b>	Lowest dose to cause a symptom
<b>TCLO</b>	Lowest concentration to cause a symptom
<b>TD<sub>10</sub>, LD<sub>10</sub>, &amp; LD<sub>50</sub> or TC, TC<sub>10</sub>, LC<sub>10</sub>, &amp; LC<sub>50</sub></b>	Lowest dose (or concentration) to cause lethal or toxic effects
<b>IARC</b>	International Agency for Research on Cancer
<b>NTP</b>	National Toxicology Program
<b>RTECS</b>	Registry of Toxic Effects of Chemical Substances
<b>BCF</b>	Bioconcentration Factor
<b>TL<sub>m</sub></b>	Median threshold limit
<b>log K<sub>OW</sub> or log K<sub>OC</sub></b>	Coefficient of Oil/Water Distribution

### REGULATORY INFORMATION:

<b>WHMIS</b>	Canadian Workplace Hazardous Material Information System
<b>DOT</b>	U.S. Department of Transportation
<b>TC</b>	Transport Canada
<b>EPA</b>	U.S. Environmental Protection Agency
<b>DSL</b>	Canadian Domestic Substance List
<b>NDSL</b>	Canadian Non-Domestic Substance List
<b>PSL</b>	Canadian Priority Substances List
<b>TSCA</b>	U.S. Toxic Substance Control Act
<b>EU</b>	European Union (European Union Directive 67/548/EEC)
<b>WGK</b>	Wassergefährdungsklassen (German Water Hazard Class)

### WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

### CLP/GHS (1272/2008/EC) PICTOGRAMS:

GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment



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SDS Revision: 1.3

SDS Revision Date: 8/22/2019

## 1. PRODUCT & COMPANY IDENTIFICATION

1.1	Product Name:	<b>SUN BUM SPF50 MINERAL FACE STICK</b>
1.2	Chemical Name:	Waxy Stick
1.3	Synonyms:	SB#177
1.4	Trade Names:	Sun Bum SPF50 Mineral Face Stick
1.5	Product Uses & Restrictions:	Personal Sundry
1.6	Distributor's Name:	<b>Sun Bum LLC</b>
1.7	Distributor's Address:	444 S Coast Hwy 101, Encinitas, CA 92024 USA
1.8	Emergency Phone:	<b>PERS +1 (801) 629-0667 / +1 (800) 633-8253 (CN11522)</b>
1.9	Business Phone / Fax:	+1 (321) 255-3250

## 2. HAZARDS IDENTIFICATION

2.1	Hazard Identification:	<b>WARNING! CAUSES EYE IRRITATION.</b> <u>Classification:</u> Eye Irrit. 2B
2.2	Label Elements:	<b>Hazard Statements (H):</b> H320 – Causes eye irritation. <b>Precautionary Statements (P):</b> P264 – Wash thoroughly after handling. P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 – If eye irritation persists get medical advice/attention.
2.3	Other Warnings:	<b>KEEP OUT OF REACH OF CHILDREN.</b>

## 3. COMPOSITION & INGREDIENT INFORMATION

CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	EXPOSURE LIMITS IN AIR (mg/m <sup>3</sup> )									OTHER
					ACGIH		NOHSC			OSHA				
					ppm		ppm			ppm				
					TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH		
ZINC OXIDE	1314-13-2	NA	233-466-0	5-25	NA	NA	NF	NF	NF	NA	NA	NA		
	Aq. Acute 1, Aq. Chronic 1; H400, H410													
COCOS NUCIFERA (COCONUT) OIL	8001-31-8	GG6040000	232-282-8	5-25	NA	NA	NF	NF	NF	NA	NA	NA		
LIMNANTHES ALBA (MEADOWFOAM) SEED OIL	169407-13-5	NA	NA	5-25	NA	NA	NF	NF	NF	NA	NA	NA		
LINUM USITATISSIMUM (LINSEED) SEED OIL	8001-26-1	NA	232-278-6	5-25	NA	NA	NF	NF	NF	NA	NA	NA		
ORYZA SATIVA (RICE BRAN) WAX	8016-60-2	NA	232-409-7	5-25	NA	NA	NF	NF	NF	NA	NA	NA		
PERSEA GRATISSIMA (AVOCADO) OIL	8024-32-6	CL2680000	232-428-0	5-25	NA	NA	NF	NF	NF	NA	NA	NA		
BUTYLOCTYL SALICYLATE	190085-41-7	NA	NA	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
	Aq. Chronic 1													
BUTYROSPERMUM PARKII (SHEA) BUTTER	194043-92-0	NA	293-515-7	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
CARTHAMUS TINCTORIUM (SAFFLOWER) SEED OIL	8001-23-8	VN2230000	232-276-5	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
COPERNICIA CERIFERA (CARNAUBA) WAX	8015-86-9	NA	232-399-4	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
FRAGRANCE	NA	NA	NA	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
ORYZANOL	11042-64-1	NA	600-960-6	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
OZOKERITE	12198-93-5	NA	NA	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
THEOBROMA CACAO (COCOA) SEED BUTTER	84649-99-0	NA	283-480-6	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
BISABOLOL	23089-26-1	NA	245-423-3	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
JOJOBA ESTERS	61789-91-1	NY9262700	296-292-4	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
TOCOPHEROL	10191-41-0	NA	233-466-0	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		



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SDS Revision: 1.3

SDS Revision Date: 8/22/2019

## 4. FIRST AID MEASURES

4.1	First Aid:	<p><u>Ingestion:</u> DO NOT INDUCE VOMITING. Contact the nearest Poison Control Center or local emergency telephone number for assistance and instructions. Seek immediate medical attention. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration.</p> <p><u>Eyes:</u> If product gets in the eyes, flush eyes thoroughly with copious amounts of water for at least 15 minutes, holding eyelid(s) open to ensure complete flushing. If irritation persists, seek medical attention.</p> <p><u>Skin:</u> Remove contaminated clothing and wash affected areas with soap and water. If irritation persists, seek prompt medical attention. Do not wear contaminated clothing until after it has been properly cleaned.</p> <p><u>Inhalation:</u> Remove victim to fresh air at once.</p>															
4.2	Effects of Exposure:	<p><u>Ingestion:</u> If product is swallowed, may cause nausea, vomiting and/or diarrhea.</p> <p><u>Eyes:</u> Symptoms of overexposure may include redness, itching, irritation and watering.</p> <p><u>Skin:</u> May be irritating to skin in some sensitive individuals.</p> <p><u>Inhalation:</u> None expected.</p>															
4.3	Symptoms of Overexposure:	<p><u>Ingestion:</u> Nausea, intestinal discomfort, vomiting and/or diarrhea.</p> <p><u>Eyes:</u> Overexposure in eyes may cause redness, itching and watering.</p> <p><u>Skin:</u> Symptoms of skin overexposure may include redness, itching, and irritation of affected areas. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in some sensitive individuals.</p>															
4.4	Acute Health Effects:	Moderate irritation to eyes. Moderate irritation to skin near affected areas.															
4.5	Chronic Health Effects:	No harmful or chronic health effects are expected to occur from a single accidental ingestion. Components of this product contained in very small, may be mild allergens to some sensitive individuals.															
4.6	Target Organs:	Eyes.															
4.7	Medical Conditions Aggravated by Exposure:	None reported by the manufacturer.															
		<table><tr><td colspan="2"><b>HEALTH</b></td><td><b>1</b></td></tr><tr><td colspan="2"><b>FLAMMABILITY</b></td><td><b>0</b></td></tr><tr><td colspan="2"><b>PHYSICAL HAZARDS</b></td><td><b>0</b></td></tr><tr><td colspan="2"><b>PROTECTIVE EQUIPMENT</b></td><td><b>A</b></td></tr><tr><td><b>EYES</b></td><td></td><td></td></tr></table>	<b>HEALTH</b>		<b>1</b>	<b>FLAMMABILITY</b>		<b>0</b>	<b>PHYSICAL HAZARDS</b>		<b>0</b>	<b>PROTECTIVE EQUIPMENT</b>		<b>A</b>	<b>EYES</b>		
<b>HEALTH</b>		<b>1</b>															
<b>FLAMMABILITY</b>		<b>0</b>															
<b>PHYSICAL HAZARDS</b>		<b>0</b>															
<b>PROTECTIVE EQUIPMENT</b>		<b>A</b>															
<b>EYES</b>																	

## 5. FIREFIGHTING MEASURES

5.1	Fire & Explosion Hazards:	If involved in a fire, this product may decompose at high temperatures to form toxic gases (e.g., CO, CO <sub>2</sub> , NO <sub>x</sub> ).	
5.2	Extinguishing Methods:	Water, Foam, CO <sub>2</sub> , Dry Chemical	
5.3	Firefighting Procedures:	First responders should wear eye protection. Structural fire fighters must wear full protective equipment and MSHA/NIOSH-approved self-contained breathing apparatus. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas. If necessary, rinse contaminated equipment with soapy water before returning to service.	

## 6. ACCIDENTAL RELEASE MEASURES

6.1	Spills:	<p>Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment (PPE).</p> <p>For <u>small spills</u> (e.g., &lt; 1 gallon (3.8 L)) or <u>large spills</u> (e.g., ≥ 1 gallon (3.8 L)), wear appropriate personal protective equipment (e.g., goggles, gloves). Remove spilled material with absorbent material and place into appropriate closed container(s) for disposal. Dispose of properly in accordance with local, state and federal regulations. Wash all affected areas and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse.</p>
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## 7. HANDLING & STORAGE INFORMATION

7.1	Work & Hygiene Practices:	Do not eat, drink, or smoke while handling this product. Upon completion of work activities involving large quantities of this product, wash any exposed areas thoroughly with soap and water.
7.2	Storage & Handling:	Use and store in a cool, dry, well-ventilated location (e.g., local exhaust ventilation, fans). Keep away from excessive heat and open flames.
7.3	Special Precautions:	Spilled material may present a slipping hazard if left unattended. Clean all spills promptly.



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## 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1	Exposure Limits: ppm (mg/m <sup>3</sup> )	CHEMICAL NAME(S)	ACGIH		NOHSC			OSHA			OTHER
			TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH	
8.2	Ventilation & Engineering Controls:	When working with large quantities of product, provide adequate ventilation (e.g., local exhaust ventilation, fans). Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.									
8.3	Respiratory Protection:	No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134, or applicable U.S. state regulations, or the appropriate standards of Canada, its provinces, E.C. member states, or Australia.									
8.4	Eye Protection:	Avoid direct eye contact. None required under normal conditions of use. When handling large quantities (e.g., ≥ 1 gallon) safety glasses with side shields should be used.									
8.5	Hand Protection:	None required under normal conditions of use. However, may cause skin irritation in some sensitive individuals. When handling large quantities (e.g., ≥ 1 gallon), wear rubber or impervious plastic gloves.									
8.6	Body Protection:	No apron required when handling small quantities. When handling large quantities (e.g., ≥ 1 gallon), eye wash stations and deluge showers should be available.									

## 9. PHYSICAL & CHEMICAL PROPERTIES

9.1	Appearance:	White to off-white solid stick.
9.2	Odor:	Characteristic fragrance.
9.3	Odor Threshold:	NA
9.4	pH:	NA
9.5	Melting Point/Freezing Point:	NA
9.6	Initial Boiling Point/Boiling Range:	NA
9.7	Flashpoint:	NA
9.8	Upper/Lower Flammability Limits:	NA
9.9	Vapor Pressure:	NA
9.10	Vapor Density:	NA
9.11	Relative Density:	NA
9.12	Solubility:	Insoluble
9.13	Partition Coefficient (log P <sub>ow</sub> ):	NA
9.14	Autoignition Temperature:	NA
9.15	Decomposition Temperature:	NA
9.16	Viscosity:	NA
9.17	Other Information:	Evaporation Rate: < 1.0

## 10. STABILITY & REACTIVITY

10.1	Stability:	This product is stable.
10.2	Hazardous Decomposition Products:	Oxides of carbon (CO, CO <sub>2</sub> ) and nitrogen (NO <sub>x</sub> ).
10.3	Hazardous Polymerization:	Will not occur.
10.4	Conditions to Avoid:	Open flames, sparks and high heat.
10.5	Incompatible Substances:	Strong oxidizing agents.

## 11. TOXICOLOGICAL INFORMATION

11.1	Routes of Entry:	Inhalation: NO	Absorption: YES	Ingestion: YES
11.2	Toxicity Data:	This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components.		
11.3	Acute Toxicity:	See Section 4.4		
11.4	Chronic Toxicity:	See Section 4.5		
11.5	Suspected Carcinogen:	NA		
11.6	Reproductive Toxicity:	This product is not reported to cause reproductive toxicity in humans.		
	Mutagenicity:	This product is not reported to produce mutagenic effects in humans.		
	Embryotoxicity:	This product is not reported to produce embryotoxic effects in humans.		
	Teratogenicity:	This product is not reported to cause teratogenic effects in humans.		
	Reproductive Toxicity:	This product is not reported to cause reproductive effects in humans.		
11.7	Irritancy of Product:	See Section 4.3		
11.8	Biological Exposure Indices:	NE		
11.9	Physician Recommendations:	Treat symptomatically.		





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## 12. ECOLOGICAL INFORMATION

12.1	Environmental Stability:	There is no specific data available for this product.
12.2	Effects on Plants & Animals:	There is no specific data available for this product.
12.3	Effects on Aquatic Life:	The product itself has not been tested as a whole. There is no specific data available for this product.

## 13. DISPOSAL CONSIDERATIONS

13.1	Waste Disposal:	Dispose of in accordance with federal, state and local regulations.
13.2	Special Considerations:	NA

## 14. TRANSPORTATION INFORMATION

The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR.

14.1	49 CFR (GND):	NOT REGULATED
14.2	IATA (AIR):	NOT REGULATED
14.3	IMDG (OCN):	NOT REGULATED
14.4	TDGR (Canadian GND):	NOT REGULATED
14.5	ADR/RID (EU):	NOT REGULATED
14.6	SCT (MEXICO):	NOT REGULATED
14.7	ADGR (AUS):	NOT REGULATED

## 15. REGULATORY INFORMATION

15.1	SARA Reporting Requirements:	This product does not contain any substances subject to SARA Title III, section 313 reporting requirements.
15.2	SARA Threshold Planning Quantity:	There are no specific Threshold Planning Quantities for the components of this product.
15.3	TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory.
15.4	CERCLA Reportable Quantity (RQ):	NA
15.5	Other Federal Requirements:	This product complies with the appropriate sections of the Food and Drug Administration's 21 CFR Subchapter G, (Cosmetics).
15.6	Other Canadian Regulations:	This product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDL. None of the components of this product are listed on the Priorities Substances List.
15.7	State Regulatory Information:	No ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI).
15.8	Other Requirements:	This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

## 16. OTHER INFORMATION

16.1	Other Information:	<b>WARNING! CAUSES EYE IRRITATION.</b> Use only as directed. Discontinue use immediately if irritation develops. If in eyes Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention if irritation persists. <b>KEEP OUT OF REACH OF CHILDREN.</b>	
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.	
16.3	Disclaimer:	This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate's & Sun Bum's knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.	
16.4	Prepared for:	Sun Bum LLC 444 S Coast Hwy 101 Encinitas, CA 92024 USA Tel: +1 (321) 255-3250 <a href="http://www.trustthebum.com/">http://www.trustthebum.com/</a>	
16.5	Prepared by:	ShipMate, Inc. P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 <a href="http://www.shipmate.com">http://www.shipmate.com</a>	



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## DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

### GENERAL INFORMATION:

<b>CAS No.</b>	Chemical Abstract Service Number
<b>RTECS No.</b>	Registry of Toxic Effects of Chemical Substances Number
<b>EINECS No.</b>	European Inventory of Existing Commercial Chemical Substances Number

### EXPOSURE LIMITS IN AIR:

<b>ACGIH</b>	American Conference on Governmental Industrial Hygienists
<b>IDLH</b>	Immediately Dangerous to Life and Health
<b>NOHSC</b>	National Occupational Health and Safety Commission (Australia)
<b>OSHA</b>	U.S. Occupational Safety and Health Administration
<b>PEL</b>	Permissible Exposure Limit
<b>STEL</b>	Short Term Exposure Limit
<b>TLV</b>	Threshold Limit Value
<b>TWA</b>	Time Weighted Average

### FIRST AID MEASURES:

<b>CPR</b>	Cardiopulmonary resuscitation - method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body.
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### HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

### HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

<b>0</b>	Minimal Hazard
<b>1</b>	Slight Hazard
<b>2</b>	Moderate Hazard
<b>3</b>	Severe Hazard
<b>4</b>	Extreme Hazard

<b>HEALTH</b>
<b>FLAMMABILITY</b>
<b>PHYSICAL HAZARDS</b>
<b>PERSONAL PROTECTION</b>

### PERSONAL PROTECTION RATINGS:

<b>A</b>	
<b>B</b>	
<b>C</b>	
<b>D</b>	
<b>E</b>	
<b>F</b>	

<b>G</b>	
<b>H</b>	
<b>I</b>	
<b>J</b>	
<b>K</b>	
<b>X</b>	Consult your supervisor or SOPs for special handling directions.

Safety Glasses	Splash Goggles	Face Shield & Protective Eyewear	Gloves
Boots	Protective Apron	Protective Clothing & Full Suit	Dust Respirator
Full Face Respirator	Dust & Vapor Half-Mask Respirator	Full Face Respirator	Airline Hood/Mask or SCBA

### OTHER STANDARD ABBREVIATIONS:

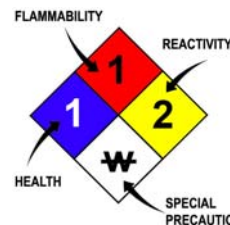
<b>Carc</b>	Carcinogenic
<b>Irrit</b>	Irritant
<b>NA</b>	Not Available
<b>NR</b>	No Results
<b>ND</b>	Not Determined
<b>NE</b>	Not Established
<b>NF</b>	Not Found
<b>SCBA</b>	Self-Contained Breathing Apparatus
<b>Sens</b>	Sensitization
<b>STOT RE</b>	Specific Target Organ Toxicity – Repeat Exposure
<b>STOT SE</b>	Specific Target Organ Toxicity – Single Exposure

### NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

<b>FLAMMABILITY LIMITS IN AIR:</b>	
<b>Autoignition Temperature</b>	Minimum temperature required to initiate combustion in air with no other source of ignition
<b>LEL</b>	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source
<b>UEL</b>	Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source

### HAZARD RATINGS:

<b>0</b>	Minimal Hazard
<b>1</b>	Slight Hazard
<b>2</b>	Moderate Hazard
<b>3</b>	Severe Hazard
<b>4</b>	Extreme Hazard
<b>ACD</b>	Acidic
<b>ALK</b>	Alkaline
<b>COR</b>	Corrosive
<b>W</b>	Use No Water
<b>OX</b>	Oxidizer
<b>TREFOIL</b>	Radioactive



### TOXICOLOGICAL INFORMATION:

<b>LD<sub>50</sub></b>	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
<b>LC<sub>50</sub></b>	Lethal concentration (gases) which kills 50% of the exposed animal
<b>ppm</b>	Concentration expressed in parts of material per million parts
<b>TD<sub>10</sub></b>	Lowest dose to cause a symptom
<b>TCLO</b>	Lowest concentration to cause a symptom
<b>TD<sub>10</sub>, LD<sub>10</sub>, &amp; LD<sub>50</sub> or TC, TC<sub>10</sub>, LC<sub>10</sub>, &amp; LC<sub>50</sub></b>	Lowest dose (or concentration) to cause lethal or toxic effects
<b>IARC</b>	International Agency for Research on Cancer
<b>NTP</b>	National Toxicology Program
<b>RTECS</b>	Registry of Toxic Effects of Chemical Substances
<b>BCF</b>	Bioconcentration Factor
<b>TL<sub>m</sub></b>	Median threshold limit
<b>log K<sub>OW</sub> or log K<sub>OC</sub></b>	Coefficient of Oil/Water Distribution

### REGULATORY INFORMATION:

<b>WHMIS</b>	Canadian Workplace Hazardous Material Information System
<b>DOT</b>	U.S. Department of Transportation
<b>TC</b>	Transport Canada
<b>EPA</b>	U.S. Environmental Protection Agency
<b>DSL</b>	Canadian Domestic Substance List
<b>NDSL</b>	Canadian Non-Domestic Substance List
<b>PSL</b>	Canadian Priority Substances List
<b>TSCA</b>	U.S. Toxic Substance Control Act
<b>EU</b>	European Union (European Union Directive 67/548/EEC)
<b>WGK</b>	Wassergefährdungsklassen (German Water Hazard Class)

### WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

### CLP/GHS (1272/2008/EC) PICTOGRAMS:

GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment





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SDS Revision: 1.3

SDS Revision Date: 2/5/2021

## 1. PRODUCT & COMPANY IDENTIFICATION

1.1	Product Name:	<b>SUN BUM SPF30 MINERALCONTINUOUS SPRAY SUNSCREEN</b>
1.2	Chemical Name:	Aerosol
1.3	Synonyms:	SB#175
1.4	Trade Names:	Sun Bum SPF30 Mineral Continuous Spray Sunscreen
1.5	Product Uses & Restrictions:	Personal Sundry
1.6	Distributor's Name:	<b>Sun Bum LLC</b>
1.7	Distributor's Address:	444 S Coast Hwy 101, Encinitas, CA 92024 USA
1.8	Emergency Phone:	<b>PERS +1 (801) 629-0667 / +1 (800) 633-8253 (CN11522)</b>
1.9	Business Phone / Fax:	+1 (321) 255-3250

## 2. HAZARDS IDENTIFICATION

2.1	Hazard Identification:	<p>This product is classified as a HAZARDOUS SUBSTANCE and as DANGEROUS GOODS according to the classification criteria of NOHSC: 1088 (2004) and ADG Code (Australia).</p> <p><b>WARNING! PRESSURIZED CONTAINER: MAY BURST IF HEATED. CONTAINS GAS UNDER PRESSURE; MAY EXPLODE IF HEATED. MAY CAUSE AN ALLERGIC SKIN REACTION. CAUSES EYE IRRITATION.</b></p> <p>Classification: Compressed Gas, Aerosol 3; Skin Sens. 1B; Eye Irrit. 2</p>	
2.2	Label Elements:	<p><u>Hazard Statements</u> (H): H229 – Pressurized container: may burst if heated. H280 – Contains Gas under pressure; may explode if heated. H317 – May cause an allergic skin reaction. H320 – Causes eye irritation.</p> <p><u>Precautionary Statements</u> (P): P261 – Avoid breathing fume/gas/mist/vapors/spray. P264 – Wash hands and exposed skin areas with soap and warm thoroughly after handling. P272 – Contaminated work clothing should not be allowed out of the workplace. P280 – Wear protective gloves/eyewear. P302+P352 – IF ON SKIN: Wash with plenty warm water and soap. P333+P313 – If skin irritation or rash occurs: Get medical advice/attention. P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 – If eye irritation persists get medical advice/attention. P362+P364 – Take off contaminated clothing and wash it before reuse. P403+P235 – Store in a well-ventilated place. Keep cool. P410+P412 – Protect from sunlight. Do not expose to temperatures exceeding 50 °C (122 °F). P501 – Dispose of contents/container to a licensed treatment, storage or disposal facility (TSDF).</p>	
2.3	Other Warnings:	<b>KEEP OUT OF REACH OF CHILDREN.</b>	

## 3. COMPOSITION & INGREDIENT INFORMATION

CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	EXPOSURE LIMITS IN AIR (mg/m³)									OTHER
					ACGIH		NOHSC			OSHA				
					ppm		ppm			ppm				
					TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH		
WATER	7732-18-5	ZC0110000	231-791-2	50-75	NA	NA	NF	NF	NF	NA	NA	NA		
BUTYLOCTYL SALICYLATE	190085-41-7	NA	NA	5-25	NA	NA	NF	NF	NF	NA	NA	NA		
HELIANTHUS ANNUUS (SUNFLOWER) SEED OIL	8001-21-6	NA	232-273-9	5-25	NA	NA	NF	NF	NF	NA	NA	NA		
ZINC OXIDE	1314-13-2	NA	233-466-0	5-25	NA	NA	NF	NF	NF	NA	NA	NA		
SMECTITE-GROUP MINERALS	12199-37-0	NA	235-374-6	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
CAPRYLIC CAPRIC TRIGLYCERIDE	65381-09-1	NA	265-724-3	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
CARTHAMU TINCTORIUM (SAFFLOWER) SEED OIL	8001-23-8	VN2230000	232-276-5	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
CETEARYL ALCOHOL	67762-27-0	NA	267-008-6	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
METHYL DIHYDROABIETATE	33892-18-1	NA	NA	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
MICROCRYSTALLINE CELLULOSE	9004-34-6	NA	323-674-9	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
FRAGRANCE (PARFUM) NON-HAZARDOUS	NA	NA	NA	0.1-2	NA	NA	NF	NF	NF	NA	NA	NA		
ALOE BARBADENSIS LEAF JUICE	94349-62-9	NA	305-181-2	0-1	NA	NA	NF	NF	NF	NA	NA	NA		
JAJOBA BEAN OIL	61789-91-1	NA	NA	0-1	NA	NA	NF	NF	NF	NA	NA	NA		



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SDS Revision Date: 2/5/2021

## 3. COMPOSITION & INGREDIENT INFORMATION – cont'd

CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	EXPOSURE LIMITS IN AIR (mg/m³)								
					ACGIH		NOHSC			OSHA			OTHER
					ppm		ppm			ppm			
					TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH	
CAPRYLYL GLYCOL	1117-86-8	NA	214-254-7	0-1	NA	NA	NF	NF	NF	NA	NA	NA	
AIR	132259-10-0	NA	NA	0-1	NA	NA	NF	NF	NF	NA	NA	NA	

## 4. FIRST AID MEASURES

4.1	First Aid:	<p><b>Ingestion:</b> If ingested, do not induce vomiting. Contact the nearest Poison Control Center or local emergency number. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed.</p> <p><b>Eyes:</b> Splashes are not likely; however, if product gets in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes lifting upper and lower lids, occasionally.</p> <p><b>Skin:</b> Wash thoroughly with soap and water. In case of contact, immediately flush skin with plenty of water for at least 15 minutes.</p> <p><b>Inhalation:</b> Remove victim to fresh air at once. If breathing is difficult, administer oxygen. If breathing stops give artificial respiration. Keep person warm, quiet and get medical attention.</p>															
4.2	Effects of Exposure:	<p><b>Ingestion:</b> If product is swallowed, may cause gastrointestinal disturbance.</p> <p><b>Eyes:</b> Exposure to fumes/vapors may cause eye irritation. Symptoms of overexposure may include redness, itching, irritation and watering.</p> <p><b>Skin:</b> May be irritating to skin. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in some sensitive individuals.</p> <p><b>Inhalation:</b> Coughing, wheezing, shortness of breath, impaired pulmonary function. Irritation or soreness in throat, nose and respiratory tract. Drowsiness, dizziness, headaches and nausea.</p>															
4.3	Symptoms of Overexposure:	<p><b>Ingestion:</b> If product is swallowed, may cause gastrointestinal disturbance.</p> <p><b>Eyes:</b> Exposure to fumes/vapors may cause eye irritation. Symptoms of overexposure may include redness, itching, irritation and watering.</p> <p><b>Skin:</b> May be irritating to skin. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in some sensitive individuals.</p> <p><b>Inhalation:</b> Coughing, wheezing, shortness of breath, impaired pulmonary function. Irritation or soreness in throat, nose and respiratory tract. Additionally, high concentrations of vapors can cause drowsiness, dizziness, headaches and nausea.</p>															
4.4	Acute Health Effects:	Moderate irritation to eyes and skin near affected areas. Additionally, high concentrations of fumes/vapors can cause coughing, wheezing, shortness of breath, impaired pulmonary function. Irritation or soreness in throat, nose and respiratory tract.															
4.5	Chronic Health Effects:	Possible allergic dermatitis in some sensitive individuals.															
4.6	Target Organs:	Eyes, Skin, Respiratory System, Central Nervous System (CNS).															
4.7	Medical Conditions Aggravated by Exposure:	Pre-existing dermatitis, other skin conditions, and disorders of the target organs (eyes, skin) or impaired kidney function may be more susceptible to the effects of this substance.															
		<table><tr><td colspan="2"><b>HEALTH</b></td><td><b>1</b></td></tr><tr><td colspan="2"><b>FLAMMABILITY</b></td><td><b>0</b></td></tr><tr><td colspan="2"><b>PHYSICAL HAZARDS</b></td><td><b>0</b></td></tr><tr><td colspan="2"><b>PROTECTIVE EQUIPMENT</b></td><td><b>B</b></td></tr><tr><td><b>EYES</b></td><td><b>SKIN</b></td><td></td></tr></table>	<b>HEALTH</b>		<b>1</b>	<b>FLAMMABILITY</b>		<b>0</b>	<b>PHYSICAL HAZARDS</b>		<b>0</b>	<b>PROTECTIVE EQUIPMENT</b>		<b>B</b>	<b>EYES</b>	<b>SKIN</b>	
<b>HEALTH</b>		<b>1</b>															
<b>FLAMMABILITY</b>		<b>0</b>															
<b>PHYSICAL HAZARDS</b>		<b>0</b>															
<b>PROTECTIVE EQUIPMENT</b>		<b>B</b>															
<b>EYES</b>	<b>SKIN</b>																

## 5. FIREFIGHTING MEASURES

5.1	Fire & Explosion Hazards:	Level 1 Aerosol (NFPA 30B). Aerosols may burst at temperatures above 120 °F. Cool uninvolved containers to prevent possible bursting. Aerosols may be projectile hazards when bursting. If aerosols are bursting, stay clear until bursting is complete. Containers may rupture and release flammable liquids or/and exposed gases if exposed to the heat of fire. Keep containers cool by spraying them with water until the fire has been extinguished. Keep away from heat, lit cigarettes, sparks & open flame. Keep container closed. When exposed to high temperatures, may produce hazardous decomposition products such as oxides of carbon (e.g., CO, CO <sub>2</sub> ) and nitrogen (e.g., NO <sub>x</sub> ) and smoke.	
5.2	Extinguishing Methods:	Water, Foam, CO <sub>2</sub> , Dry Chemical, Halon (if authorized)	
5.3	Firefighting Procedures:	As in any fire, wear MSHA/NIOSH approved self-contained breathing apparatus (pressure-demand) and full protective gear. Keep containers cool until well after the fire is out. Use water spray to cool fire-exposed surfaces and to protect personal. Fight fire upwind. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway. Firefighters must use full bunker gear including NIOSH-approved positive pressure self-contained breathing apparatus to protect against potential hazardous combustion or decomposition products and oxygen deficiencies.	



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SDS Revision Date: 2/5/2021



## 6. ACCIDENTAL RELEASE MEASURES

6.1	Spills:	<p>Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment (PPE).</p> <p>For <b>small spills</b> (e.g., &lt; 1 gallon (3.8 L)) wear appropriate personal protective equipment (e.g., goggles, gloves). Maximize ventilation (open doors and windows) and secure all sources of ignition. Remove spilled material with absorbent material and place into appropriate closed container(s) for disposal. Dispose of properly in accordance with local, state and federal regulations. Wash all affected areas and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse.</p> <p>For <b>large spills</b> (e.g., ≥ 1 gallon (3.8 L)), deny entry to all unprotected individuals. Dike and contain spill with inert material (e.g., sand or earth). Use <b>ONLY</b> non-sparking tools for recovery and cleanup. Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for proper disposal. Remove contaminated clothing promptly and wash affected skin areas with soap and water. Keep spills and cleaning runoffs out of drains, municipal sewers and open bodies of water.</p>
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## 7. HANDLING & STORAGE INFORMATION

7.1	Work & Hygiene Practices:	Do not eat, drink, or smoke while handling this product.
7.2	Storage & Handling:	Use and store in a cool, dry, well-ventilated location (e.g., local exhaust ventilation, fans). Keep away from excessive heat and open flames. Avoid temperatures above 120 °F. Keep away from incompatible substances. Protect containers from physical damage.
7.3	Special Precautions:	Spilled material may present a slipping hazard if left unattended. Clean all spills promptly.

## 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1	Exposure Limits: ppm (mg/m³)	CHEMICAL NAME(S)	ACGIH		NOHSC			OSHA			OTHER
			TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH	
8.2	Ventilation & Engineering Controls:	Use local or general exhaust ventilation to effectively remove and prevent buildup of vapors or mist generated from the handling of this product. Ensure appropriate decontamination equipment is available (e.g., sink, safety shower, eye-wash station).									
8.3	Respiratory Protection:	No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134, or applicable U.S. state regulations, or the appropriate standards of Canada, its provinces, EU member states, or Australia.									
8.4	Eye Protection:	Use gloves constructed of chemical-resistant materials such as neoprene or heavy nitrile rubber if frequent or prolonged contact is expected. If necessary, refer to U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada, or the EU member states.									
8.5	Hand Protection:	However, no special body protection is required under typical circumstances of use and handling. If necessary, refer to appropriate standards of Canada, the EU member states, or U.S. OSHA.									
8.6	Body Protection:	No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134, or applicable U.S. state regulations, or the appropriate standards of Canada, its provinces, EU member states, or Australia.									

## 9. PHYSICAL & CHEMICAL PROPERTIES

9.1	Appearance:	White viscous liquid. Aerosol (BOV)
9.2	Odor:	Characteristic odor.
9.3	Odor Threshold:	NA
9.4	pH:	8.0 ± 1.0
9.5	Melting Point/Freezing Point:	NA
9.6	Initial Boiling Point/Boiling Range:	NA
9.7	Flashpoint:	NA
9.8	Upper/Lower Flammability Limits:	NA
9.9	Vapor Pressure:	NA
9.10	Vapor Density:	NA
9.11	Relative Density:	1.0 ± 0.1
9.12	Solubility:	Soluble in water.
9.13	Partition Coefficient (log P <sub>ow</sub> ):	NA
9.14	Autoignition Temperature:	NA
9.15	Decomposition Temperature:	NA
9.16	Viscosity:	NA
9.17	Other Information:	NA



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## 10. STABILITY & REACTIVITY

10.1	Stability:	This product is stable.
10.2	Hazardous Decomposition Products:	Oxides of carbon and nitrogen.
10.3	Hazardous Polymerization:	Will not occur.
10.4	Conditions to Avoid:	Open flames, sparks, high heat and direct sunlight. Avoid freezing.
10.5	Incompatible Substances:	Strong acids, strong bases, strong oxidizing and reducing agents.

## 11. TOXICOLOGICAL INFORMATION

11.1	Routes of Entry:	Inhalation: YES	Absorption: YES	Ingestion: YES
11.2	Toxicity Data:	This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components of the product, but are not presented in this document.		
11.3	Acute Toxicity:	See Section 4.4.		
11.4	Chronic Toxicity:	See Section 4.5.		
11.5	Suspected Carcinogen:	This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm.		
11.6	Reproductive Toxicity:	This product is not reported to produce reproductive toxicity in humans.		
	Mutagenicity:	This product is not reported to produce mutagenic effects in humans.		
	Embryotoxicity:	This product is not reported to produce embryotoxic effects in humans.		
	Teratogenicity:	This product is not reported to cause teratogenic effects in humans.		
	Reproductive Toxicity:	This product is not reported to cause reproductive effects in humans.		
11.7	Irritancy of Product:	See Section 4.3.		
11.8	Biological Exposure Indices:	NE		
11.9	Physician Recommendations:	Treat symptomatically.		

## 12. ECOLOGICAL INFORMATION

12.1	Environmental Stability:	The components of this product will slowly degrade over time into a variety of organic compounds.
12.2	Effects on Plants & Animals:	There are no specific data available for this product.
12.3	Effects on Aquatic Life:	Product is expected to rapidly disperse in the aquatic environment.

## 13. DISPOSAL CONSIDERATIONS

13.1	Waste Disposal:	Review current local, state and federal laws, codes, statutes and regulations to determine current status and appropriate disposal method for the ingredients listed in Section 2. Any disposal practice must be in compliance with local, state, and federal laws and regulations.
13.2	Special Considerations:	Contact the federal, state or provincial environmental authority to determine suitability for recycling and or proper disposal requirements.

## 14. TRANSPORTATION INFORMATION

The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR.

14.1	49 CFR (GND):	UN1950, AEROSOLS, 2.2 (LTD QTY, IP VOL ≤ 1.0 L)	
14.2	IATA (AIR):	ID8000, CONSUMER COMMODITY, 9 (IP VOL ≤ 0.5 L) UN1950, AEROSOLS, NON-FLAMMABLE, 2.2 (LTD QTY, IP VOL ≤ 0.5 L)	or
14.3	IMDG (OCN):	UN1950, AEROSOLS, 2.2 (LTD QTY, IP VOL ≤ 1.0 L)	
14.4	TDGR (Canadian GND):	UN1950, AEROSOLS, NON-FLAMMABLE, 2.2 (LTD QTY, IP VOL ≤ 1.0 L)	
14.5	ADR/RID (EU):	UN1950, AEROSOLS, 2.2 (LTD QTY, IP VOL ≤ 1.0 L)	
14.6	SCT (MEXICO):	UN1950, AEROSOLS, 2.2 (CANT. LTDA., IP VOL ≤ 1.0 L)	
14.7	ADGR (AUS):	UN1950, AEROSOLS, 2.2 (LTD QTY, IP VOL ≤ 1.0 L)	

## 15. REGULATORY INFORMATION

15.1	SARA Reporting Requirements:	This product does not contain any substances subject to SARA Title III, Section 313 reporting requirements.
15.2	SARA Threshold Planning Quantity:	There are no specific Threshold Planning Quantities for the components of this product.
15.3	TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory.
15.4	CERCLA Reportable Quantity (RQ):	NA



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## 15. REGULATORY INFORMATION – cont'd

15.5	Other Federal Requirements:	This material does not contain any hazardous air pollutants. None of the components in this product are listed as priority pollutants under the CWA. None of the components in this product are listed as toxic pollutants under the CWA.
15.6	Other Canadian Regulations:	This product has been classified according to the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDL. None of the components of this product are listed on the Priorities Substances List. WHMIS D2B (Aerosol, Other Toxic Effects)
15.7	State Regulatory Information:	No ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI). This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
15.8	Other Requirements:	This product is found on the following inventory lists: Australia - AICS, China - IECSC, Europe - ELINCS/EINEC, Japan - ENCS; Korea - KECL; New Zealand - NZIoC; Philippines - PICCS; USA - TSCA

## 16. OTHER INFORMATION

16.1	Other Information:	<b>WARNING! PRESSURIZED CONTAINER: MAY BURST IF HEATED. CAUSES SERIOUS EYE IRRITATION. MAY CAUSE AN ALLERGIC SKIN REACTION.</b> Use only as directed. Avoid breathing fume/gas/mist/vapors/spray. Wash hands and exposed skin areas with soap and warm thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/eyewear. IF ON SKIN: Wash with plenty warm water and soap. If skin irritation or rash occurs: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists get medical advice/attention. Take off contaminated clothing and wash it before reuse. Store in a well-ventilated place. Keep cool. Protect from sunlight. Do not expose to temperatures exceeding 50 °C (122 °F). <b>KEEP OUT OF REACH OF CHILDREN.</b>	
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.	
16.3	Disclaimer:	This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate's & Sun Bum's knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.	
16.4	Prepared for:	<b>Sun Bum LLC</b> 444 S Coast Hwy 101 Encinitas, CA 92024 USA Tel: +1 (321) 255-3250 <a href="http://www.trustthebum.com/">http://www.trustthebum.com/</a>	
16.5	Prepared by:	<b>ShipMate, Inc.</b> P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 <a href="http://www.shipmate.com">http://www.shipmate.com</a>	



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SDS Revision: 1.3

SDS Revision Date: 2/5/2021

## DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

### GENERAL INFORMATION:

<b>CAS No.</b>	Chemical Abstract Service Number
<b>RTECS No.</b>	Registry of Toxic Effects of Chemical Substances Number
<b>EINECS No.</b>	European Inventory of Existing Commercial Chemical Substances Number

### EXPOSURE LIMITS IN AIR:

<b>ACGIH</b>	American Conference on Governmental Industrial Hygienists
<b>IDLH</b>	Immediately Dangerous to Life and Health
<b>NOHSC</b>	National Occupational Health and Safety Commission (Australia)
<b>OSHA</b>	U.S. Occupational Safety and Health Administration
<b>PEL</b>	Permissible Exposure Limit
<b>STEL</b>	Short Term Exposure Limit
<b>TLV</b>	Threshold Limit Value
<b>TWA</b>	Time Weighted Average

### FIRST AID MEASURES:

<b>CPR</b>	Cardiopulmonary resuscitation - method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body.
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### HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

### HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

<b>0</b>	Minimal Hazard
<b>1</b>	Slight Hazard
<b>2</b>	Moderate Hazard
<b>3</b>	Severe Hazard
<b>4</b>	Extreme Hazard

<b>HEALTH</b>
<b>FLAMMABILITY</b>
<b>PHYSICAL HAZARDS</b>
<b>PERSONAL PROTECTION</b>

### PERSONAL PROTECTION RATINGS:

<b>A</b>	
<b>B</b>	
<b>C</b>	
<b>D</b>	
<b>E</b>	
<b>F</b>	

<b>G</b>	
<b>H</b>	
<b>I</b>	
<b>J</b>	
<b>K</b>	
<b>X</b>	Consult your supervisor or SOPs for special handling directions.

Safety Glasses	Splash Goggles	Face Shield & Protective Eyewear	Gloves
Boots	Protective Apron	Protective Clothing & Full Suit	Dust Respirator
Full Face Respirator	Dust & Vapor Half-Mask Respirator	Full Face Respirator	Airline Hood/Mask or SCBA

### OTHER STANDARD ABBREVIATIONS:

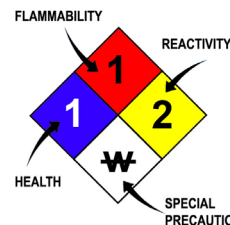
<b>Carc</b>	Carcinogenic
<b>Irrit</b>	Irritant
<b>NA</b>	Not Available
<b>NR</b>	No Results
<b>ND</b>	Not Determined
<b>NE</b>	Not Established
<b>NF</b>	Not Found
<b>SCBA</b>	Self-Contained Breathing Apparatus
<b>Sens</b>	Sensitization
<b>STOT RE</b>	Specific Target Organ Toxicity – Repeat Exposure
<b>STOT SE</b>	Specific Target Organ Toxicity – Single Exposure

### NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

<b>FLAMMABILITY LIMITS IN AIR:</b>	
<b>Autoignition Temperature</b>	Minimum temperature required to initiate combustion in air with no other source of ignition
<b>LEL</b>	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source
<b>UEL</b>	Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source

### HAZARD RATINGS:

<b>0</b>	Minimal Hazard
<b>1</b>	Slight Hazard
<b>2</b>	Moderate Hazard
<b>3</b>	Severe Hazard
<b>4</b>	Extreme Hazard
<b>ACD</b>	Acidic
<b>ALK</b>	Alkaline
<b>COR</b>	Corrosive
<b>W</b>	Use No Water
<b>OX</b>	Oxidizer
<b>TREFOIL</b>	Radioactive



### TOXICOLOGICAL INFORMATION:

<b>LD<sub>50</sub></b>	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
<b>LC<sub>50</sub></b>	Lethal concentration (gases) which kills 50% of the exposed animal
<b>ppm</b>	Concentration expressed in parts of material per million parts
<b>TD<sub>10</sub></b>	Lowest dose to cause a symptom
<b>TCLO</b>	Lowest concentration to cause a symptom
<b>TD<sub>10</sub>, LD<sub>10</sub>, &amp; LD<sub>50</sub> or TC, TC<sub>10</sub>, LC<sub>10</sub>, &amp; LC<sub>50</sub></b>	Lowest dose (or concentration) to cause lethal or toxic effects
<b>IARC</b>	International Agency for Research on Cancer
<b>NTP</b>	National Toxicology Program
<b>RTECS</b>	Registry of Toxic Effects of Chemical Substances
<b>BCF</b>	Bioconcentration Factor
<b>TL<sub>m</sub></b>	Median threshold limit
<b>log K<sub>ow</sub> or log K<sub>oc</sub></b>	Coefficient of Oil/Water Distribution

### REGULATORY INFORMATION:

<b>WHMIS</b>	Canadian Workplace Hazardous Material Information System
<b>DOT</b>	U.S. Department of Transportation
<b>TC</b>	Transport Canada
<b>EPA</b>	U.S. Environmental Protection Agency
<b>DSL</b>	Canadian Domestic Substance List
<b>NDSL</b>	Canadian Non-Domestic Substance List
<b>PSL</b>	Canadian Priority Substances List
<b>TSCA</b>	U.S. Toxic Substance Control Act
<b>EU</b>	European Union (European Union Directive 67/548/EEC)
<b>WGK</b>	Wassergefährdungsklassen (German Water Hazard Class)

### WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

### CLP/GHS (1272/2008/EC) PICTOGRAMS:

GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment





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Prepared to OSHA, ACC, ANSI, WHSR, WHMIS, EU &amp; GHS Standards

SDS Revision: 1.2

SDS Revision Date: 8/22/2019

## 1. PRODUCT & COMPANY IDENTIFICATION

1.1	Product Name:	<b>SUN BUM SPF50 MINERAL SUNSCREEN LOTION</b>
1.2	Chemical Name:	Aqueous Solution
1.3	Synonyms:	SB#174
1.4	Trade Names:	Sun Bum SPF50 Mineral Sunscreen Lotion
1.5	Product Uses & Restrictions:	Personal Sundry
1.6	Distributor's Name:	<b>Sun Bum LLC</b>
1.7	Distributor's Address:	444 S Coast Hwy 101, Encinitas, CA 92024 USA
1.8	Emergency Phone:	<b>PERS +1 (801) 629-0667 / +1 (800) 633-8253 (CN11522)</b>
1.9	Business Phone / Fax:	+1 (321) 255-3250

## 2. HAZARDS IDENTIFICATION

2.1	Hazard Identification:	<b>WARNING! CAUSES EYE IRRITATION.</b> <u>Classification:</u> Eye Irrit 2B										
2.2	Label Elements:	<u>Hazard Statements</u> (H): H320 – Causes eye irritation. <u>Precautionary Statements</u> (P): P264 – Wash thoroughly after handling. P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 – If eye irritation persists get medical advice/attention. P333+P313 – If skin irritation or rash occurs: Get medical advice/attention. P321 – Specific treatment: see Section 4 of this SDS.										
2.3	Other Warnings:	<b>KEEP OUT OF REACH OF CHILDREN.</b>										

## 3. COMPOSITION & INGREDIENT INFORMATION

CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	EXPOSURE LIMITS IN AIR (mg/m <sup>3</sup> )									OTHER
					ACGIH		NOHSC			OSHA				
					ppm		ppm			ppm				
					TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH		
WATER	7732-18-5	ZC0110000	231-791-2	25-50	NA	NA	NF	NF	NF	NA	NA	NA		
BUTYLOCTYL SALICYLATE	190085-41-7 Aq. Chronic 1	NA	NA	5-25	NA	NA	NF	NF	NF	NA	NA	NA		
COCOS NUCIFERA (COCONUT) OIL	8001-31-8	GG6040000	232-282-8	5-25	NA	NA	NF	NF	NF	NA	NA	NA		
ZINC OXIDE	1314-13-2 Aq. Acute 1, Aq. Chronic 1; H400, H410	NA	233-466-0	5-25	NA	NA	NF	NF	NF	NA	NA	NA		
ARACHIDYL ALCOHOL	629-96-9	NA	211-119-4	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
BUTYROSPERMUM PARKII (SHEA) BUTTER	194043-92-0	NA	293-515-7	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
CAPRYLOYL GLYCERIN SEBACIC ACID COPOLYMER	1190099-88-7	NA	NA	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
CETEARYL ALCOHOL	8005-44-5	NA	267-008-6	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
DIHEPTYL SUCCINATE	15872-89-6	NA	NA	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
FRAGRANCE	NA	NA	NA	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
METHYL DIHYDROABIETATE	33892-18-1	NA	NA	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
MICROCRYSTALLINE CELULOSE	9004-34-6	NA	323-674-9	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
SODIUM STEAROYL GLUTAMATE	79811-24-8	NA	NA	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
ARACHIDYL GLUCOSIDE	100231-68-3	NA	NA	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
BEHENYL ALCOHOL	661-19-8	NA	211-546-6	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
BISABOLOL	23089-26-1	NA	245-423-3	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
CETYL ALCOHOL	36653-82-4	MM0225000	253-149-0	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		



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SDS Revision: 1.2

SDS Revision Date: 8/22/2019

## 3. COMPOSITION & INGREDIENT INFORMATION – cont'd

CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	EXPOSURE LIMITS IN AIR (mg/m <sup>3</sup> )									OTHER
					ACGIH		NOHSC			OSHA				
					ppm		ppm			ppm				
					TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH		
CITRIC ACID	77-92-9	GE7350000	201-069-1	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
COCO-GLUCOSIDE	141464-42-8	NA	NA	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
ETHYLHEXYLGLYCERIN	70445-33-9	NA	408-080-2	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
	Eye Dam. 1, Aq. Chronic 3; H318, H412													
PHENOXYETHANOL	122-99-6	KM0350000	204-589-7	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
POLYHYDROXYSTEARIC ACID	27924-99-8	NA	NA	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
SODIUM GLUCONATE	527-07-1	LZ5235000	208-407-7	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
SODIUM HYALURONATE	9067-32-7	NA	NA	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
THEOBROMA CACAO (COCOA) SEED BUTTER	84649-99-0	NA	283-480-6	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		
TOCOPHEROL	10191-41-0	NA	233-466-0	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA		

## 4. FIRST AID MEASURES

4.1	First Aid:	<p><u>Ingestion:</u> If ingested, DO NOT INDUCE VOMITING. Contact the nearest Poison Control Center or local emergency number. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed.</p> <p><u>Eyes:</u> Splashes are not likely; however, if product gets in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes. If irritation occurs, contact a physician.</p> <p><u>Skin:</u> If irritation occurs and product is on the skin, rinse thoroughly with lukewarm water, followed by a thorough washing of the affected area with soap and water. If irritation, redness or swelling persists, contact a physician immediately.</p> <p><u>Inhalation:</u> Remove victim to fresh air at once.</p>															
4.2	Effects of Exposure:	<p><u>Ingestion:</u> If product is swallowed, may cause nausea, vomiting and/or diarrhea.</p> <p><u>Eyes:</u> Moderately irritating to the eyes. Symptoms of overexposure may include redness, itching, irritation and watering.</p> <p><u>Skin:</u> None expected. In some sensitive individuals, the product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in rare instances.</p> <p><u>Inhalation:</u> None expected.</p>															
4.3	Symptoms of Overexposure:	Overexposure in eyes may cause redness, itching and watering. In some sensitive individuals, symptoms of skin overexposure may include redness, itching, and irritation of affected areas.															
4.4	Acute Health Effects:	Moderate irritation to eyes. In some sensitive individuals moderate irritation to skin near affected areas.															
4.5	Chronic Health Effects:	No harmful or chronic health effects are expected to occur from a single accidental ingestion.															
4.6	Target Organs:	Eyes, Skin															
4.7	Medical Conditions Aggravated by Exposure:	Pre-existing dermatitis, other skin conditions, and disorders of the target organs (eyes, skin).															
		<table><tr><td colspan="2">HEALTH</td><td>1</td></tr><tr><td colspan="2">FLAMMABILITY</td><td>0</td></tr><tr><td colspan="2">PHYSICAL HAZARDS</td><td>0</td></tr><tr><td colspan="2">PROTECTIVE EQUIPMENT</td><td>A</td></tr><tr><td>EYES</td><td></td><td></td></tr></table>	HEALTH		1	FLAMMABILITY		0	PHYSICAL HAZARDS		0	PROTECTIVE EQUIPMENT		A	EYES		
HEALTH		1															
FLAMMABILITY		0															
PHYSICAL HAZARDS		0															
PROTECTIVE EQUIPMENT		A															
EYES																	

## 5. FIREFIGHTING MEASURES

5.1	Fire & Explosion Hazards:	This product is non-flammable. When exposed to high temperatures, may produce hazardous decomposition products such as oxides of carbon (e.g., CO, CO <sub>2</sub> ) and nitrogen (e.g., NO <sub>x</sub> ) and smoke.	
5.2	Extinguishing Methods:	Water, Foam, CO <sub>2</sub> , Dry Chemical	
5.3	Firefighting Procedures:	As in any fire, wear MSHA/NIOSH approved self-contained breathing apparatus (pressure-demand) and full protective gear. Keep containers cool until well after the fire is out. Use water spray to cool fire-exposed surfaces and to protect personal. Fight fire upwind. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway. Firefighters must use full bunker gear including NIOSH-approved positive pressure self-contained breathing apparatus to protect against potential hazardous combustion or decomposition products and oxygen deficiencies.	





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## 6. ACCIDENTAL RELEASE MEASURES

6.1	Spills:	Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment (PPE). For <u>small spills</u> (e.g., < 1 gallon (3.8 L)) or <u>large spills</u> (e.g., ≥ 1 gallon (3.8 L)), wear appropriate personal protective equipment (e.g., goggles, gloves). Remove spilled material with absorbent material and place into appropriate closed container(s) for disposal. Dispose of properly in accordance with local, state and federal regulations. Wash all affected areas and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse.
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## 7. HANDLING & STORAGE INFORMATION

7.1	Work & Hygiene Practices:	Do not eat, drink, or smoke while handling this product. Upon completion of work activities involving large quantities (e.g., ≥ 1 gallon (3.8 L)) of this product, wash any exposed areas thoroughly with soap and water.
7.2	Storage & Handling:	Use and store in a cool, dry, well-ventilated location (e.g., local exhaust ventilation, fans). Keep away from excessive heat and open flames.
7.3	Special Precautions:	Spilled material may present a slipping hazard if left unattended. Clean all spills promptly.

## 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1	Exposure Limits: ppm (mg/m <sup>3</sup> )	CHEMICAL NAME(S)	ACGIH		NOHSC			OSHA			OTHER
			TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH	
8.2	Ventilation & Engineering Controls:	When working with large quantities of product, provide adequate ventilation (e.g., local exhaust ventilation, fans). Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.									
8.3	Respiratory Protection:	No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134, or applicable U.S. state regulations, or the appropriate standards of Canada, its provinces, E.C. member states, or Australia.									
8.4	Eye Protection:	Wear protective eyewear (e.g., safety glasses with side-shield) at all times when handling large quantities (e.g., ≥ 1 gallon (3.8 L)) of this product. Always use protective eyewear when cleaning spills or leaks. Contact lenses pose a special hazard; soft lenses may absorb and concentrate irritants.									
8.5	Hand Protection:	If anticipated that prolonged & repeated skin contact will occur during use of this product, wear latex or rubber gloves for routine industrial use. If necessary, refer to U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada, of the E.C. member states.									
8.6	Body Protection:	However, no special body protection is required under typical circumstances of use and handling. If necessary, refer to appropriate standards of Canada, the E.C. member states, or U.S. OSHA.									

## 9. PHYSICAL & CHEMICAL PROPERTIES

9.1	Appearance:	White thin lotion.
9.2	Odor:	Characteristic odor.
9.3	Odor Threshold:	NA
9.4	pH:	4.5-5.5
9.5	Melting Point/Freezing Point:	NA
9.6	Initial Boiling Point/Boiling Range:	ND
9.7	Flashpoint:	NA
9.8	Upper/Lower Flammability Limits:	NA
9.9	Vapor Pressure:	NA
9.10	Vapor Density:	NA
9.11	Relative Density:	0.95-1.05
9.12	Solubility:	Partially Soluble
9.13	Partition Coefficient (log P <sub>ow</sub> ):	NA
9.14	Autoignition Temperature:	NA
9.15	Decomposition Temperature:	NA
9.16	Viscosity:	5,000-50,000 cPs
9.17	Other Information:	NA



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## 10. STABILITY & REACTIVITY

10.1	Stability:	This product is stable.
10.2	Hazardous Decomposition Products:	Oxides of carbon (CO, CO <sub>2</sub> ) and nitrogen (NO <sub>x</sub> ).
10.3	Hazardous Polymerization:	Will not occur.
10.4	Conditions to Avoid:	Open flames, sparks and high heat. Extreme temperatures.
10.5	Incompatible Substances:	Strong oxidizing agents.

## 11. TOXICOLOGICAL INFORMATION

11.1	Routes of Entry:	Inhalation: NO	Absorption: YES	Ingestion: YES
11.2	Toxicity Data:	This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components of the product, but are not presented in this document.		
11.3	Acute Toxicity:	See Section 4.4.		
11.4	Chronic Toxicity:	See Section 4.5.		
11.5	Suspected Carcinogen:	This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm.		
11.6	Reproductive Toxicity:	This product is not reported to produce reproductive toxicity in humans.		
	Mutagenicity:	This product is not reported to produce mutagenic effects in humans.		
	Embryotoxicity:	This product is not reported to produce embryotoxic effects in humans.		
	Teratogenicity:	This product is not reported to cause teratogenic effects in humans.		
	Reproductive Toxicity:	This product is not reported to cause reproductive effects in humans.		
11.7	Irritancy of Product:	See Section 4.3		
11.8	Biological Exposure Indices:	NE		
11.9	Physician Recommendations:	Treat symptomatically.		

## 12. ECOLOGICAL INFORMATION

12.1	Environmental Stability:	There is no specific data available for this product.
12.2	Effects on Plants & Animals:	There is no specific data available for this product.
12.3	Effects on Aquatic Life:	The product itself has not been tested as a whole. There is no specific data available for this product.

## 13. DISPOSAL CONSIDERATIONS

13.1	Waste Disposal:	Dispose of in accordance with federal, state and local regulations.
13.2	Special Considerations:	NA

## 14. TRANSPORTATION INFORMATION

The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR.

14.1	49 CFR (GND):	NOT REGULATED
14.2	IATA (AIR):	NOT REGULATED
14.3	IMDG (OCN):	NOT REGULATED
14.4	TDGR (Canadian GND):	NOT REGULATED
14.5	ADR/RID (EU):	NOT REGULATED
14.6	SCT (MEXICO):	NOT REGULATED
14.7	ADGR (AUS):	NOT REGULATED



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## 15. REGULATORY INFORMATION

15.1	SARA Reporting Requirements:	This product does not contain any substances subject to SARA Title III, Section 313 reporting requirements.
15.2	SARA Threshold Planning Quantity:	There are no specific Threshold Planning Quantities for the components of this product.
15.3	TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory.
15.4	CERCLA Reportable Quantity (RQ):	NA
15.5	Other Federal Requirements:	This product complies with the appropriate sections of the Food and Drug Administration's 21 CFR subchapter G (Cosmetics). This material does not contain any hazardous air pollutants. None of the components in this product are listed as priority pollutants under the CWA. None of the components in this product are listed as toxic pollutants under the CWA.
15.6	Other Canadian Regulations:	This product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDL. None of the components of this product are listed on the Priorities Substances List.
15.7	State Regulatory Information:	None of the ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI). This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm.
15.8	Other Requirements:	This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

## 16. OTHER INFORMATION

16.1	Other Information:	<b>WARNING! CAUSES EYE IRRITATION.</b> For external use only. Discontinue use immediately if irritation develops. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If eye or skin irritation or rash persists: Get medical advice/attention. <b>KEEP OUT OF REACH OF CHILDREN.</b>	
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.	
16.3	Disclaimer:	This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate's & Sun Bum's knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.	
16.4	Prepared for:	<b>Sun Bum LLC</b> 444 S Coast Hwy 101 Encinitas, CA 92024 USA Tel: +1 (321) 255-3250 <a href="http://www.trustthebum.com/">http://www.trustthebum.com/</a>	
16.5	Prepared by:	<b>ShipMate, Inc.</b> P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 <a href="http://www.shipmate.com">http://www.shipmate.com</a>	



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## DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

### GENERAL INFORMATION:

<b>CAS No.</b>	Chemical Abstract Service Number
<b>RTECS No.</b>	Registry of Toxic Effects of Chemical Substances Number
<b>EINECS No.</b>	European Inventory of Existing Commercial Chemical Substances Number

### EXPOSURE LIMITS IN AIR:

<b>ACGIH</b>	American Conference on Governmental Industrial Hygienists
<b>IDLH</b>	Immediately Dangerous to Life and Health
<b>NOHSC</b>	National Occupational Health and Safety Commission (Australia)
<b>OSHA</b>	U.S. Occupational Safety and Health Administration
<b>PEL</b>	Permissible Exposure Limit
<b>STEL</b>	Short Term Exposure Limit
<b>TLV</b>	Threshold Limit Value
<b>TWA</b>	Time Weighted Average

### FIRST AID MEASURES:

<b>CPR</b>	Cardiopulmonary resuscitation - method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body.
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### HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

### HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

<b>0</b>	Minimal Hazard
<b>1</b>	Slight Hazard
<b>2</b>	Moderate Hazard
<b>3</b>	Severe Hazard
<b>4</b>	Extreme Hazard

<b>HEALTH</b>
<b>FLAMMABILITY</b>
<b>PHYSICAL HAZARDS</b>
<b>PERSONAL PROTECTION</b>

### PERSONAL PROTECTION RATINGS:

<b>A</b>	
<b>B</b>	
<b>C</b>	
<b>D</b>	
<b>E</b>	
<b>F</b>	

<b>G</b>	
<b>H</b>	
<b>I</b>	
<b>J</b>	
<b>K</b>	
<b>X</b>	Consult your supervisor or SOPs for special handling directions.

Safety Glasses	Splash Goggles	Face Shield & Protective Eyewear	Gloves
Boots	Protective Apron	Protective Clothing & Full Suit	Dust Respirator
Full Face Respirator	Dust & Vapor Half-Mask Respirator	Full Face Respirator	Airline Hood/Mask or SCBA

### OTHER STANDARD ABBREVIATIONS:

<b>Carc</b>	Carcinogenic
<b>Irrit</b>	Irritant
<b>NA</b>	Not Available
<b>NR</b>	No Results
<b>ND</b>	Not Determined
<b>NE</b>	Not Established
<b>NF</b>	Not Found
<b>SCBA</b>	Self-Contained Breathing Apparatus
<b>Sens</b>	Sensitization
<b>STOT RE</b>	Specific Target Organ Toxicity – Repeat Exposure
<b>STOT SE</b>	Specific Target Organ Toxicity – Single Exposure

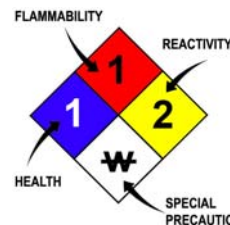
### NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

#### FLAMMABILITY LIMITS IN AIR:

<b>Autoignition Temperature</b>	Minimum temperature required to initiate combustion in air with no other source of ignition
<b>LEL</b>	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source
<b>UEL</b>	Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source

### HAZARD RATINGS:

<b>0</b>	Minimal Hazard
<b>1</b>	Slight Hazard
<b>2</b>	Moderate Hazard
<b>3</b>	Severe Hazard
<b>4</b>	Extreme Hazard
<b>ACD</b>	Acidic
<b>ALK</b>	Alkaline
<b>COR</b>	Corrosive
<b>W</b>	Use No Water
<b>OX</b>	Oxidizer
<b>TREFOIL</b>	Radioactive



### TOXICOLOGICAL INFORMATION:

<b>LD<sub>50</sub></b>	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
<b>LC<sub>50</sub></b>	Lethal concentration (gases) which kills 50% of the exposed animal
<b>ppm</b>	Concentration expressed in parts of material per million parts
<b>TD<sub>10</sub></b>	Lowest dose to cause a symptom
<b>TCLO</b>	Lowest concentration to cause a symptom
<b>TD<sub>10</sub>, LD<sub>10</sub>, &amp; LD<sub>50</sub> or TC, TC<sub>10</sub>, LC<sub>10</sub>, &amp; LC<sub>50</sub></b>	Lowest dose (or concentration) to cause lethal or toxic effects
<b>IARC</b>	International Agency for Research on Cancer
<b>NTP</b>	National Toxicology Program
<b>RTECS</b>	Registry of Toxic Effects of Chemical Substances
<b>BCF</b>	Bioconcentration Factor
<b>TL<sub>m</sub></b>	Median threshold limit
<b>log K<sub>OW</sub> or log K<sub>OC</sub></b>	Coefficient of Oil/Water Distribution

### REGULATORY INFORMATION:

<b>WHMIS</b>	Canadian Workplace Hazardous Material Information System
<b>DOT</b>	U.S. Department of Transportation
<b>TC</b>	Transport Canada
<b>EPA</b>	U.S. Environmental Protection Agency
<b>DSL</b>	Canadian Domestic Substance List
<b>NDSL</b>	Canadian Non-Domestic Substance List
<b>PSL</b>	Canadian Priority Substances List
<b>TSCA</b>	U.S. Toxic Substance Control Act
<b>EU</b>	European Union (European Union Directive 67/548/EEC)
<b>WGK</b>	Wassergefährdungsklassen (German Water Hazard Class)

### WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

### CLP/GHS (1272/2008/EC) PICTOGRAMS:

GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment



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SDS Revision: 1.0

SDS Revision Date: 10/9/2019

## 1. PRODUCT & COMPANY IDENTIFICATION

1.1	Product Name:	<b>BABY BUM MINERAL SPF50 SPRAY</b>
1.2	Chemical Name:	NA
1.3	Synonyms:	SB#221
1.4	Trade Names:	Baby Bum Mineral SPF50 Spray
1.5	Product Uses & Restrictions:	Personal Sundry
1.6	Distributor's Name:	<b>Sun Bum LLC</b>
1.7	Distributor's Address:	444 S Coast Hwy 101, Encinitas, CA 92024 USA
1.8	Emergency Phone:	<b>PERS +1 (801) 629-0667 / +1 (800) 633-8253 (CN11522)</b>
1.9	Business Phone / Fax:	+1 (321) 255-3250

## 2. HAZARDS IDENTIFICATION

2.1	Hazard Identification:	Prepared in accordance with UN Globally Harmonized standards. Intended to comply with OSHA 29 CFR 1910.1200. Canadian WHMIS and Australian Work Health and Safety <b>WARNING! CAUSES EYE IRRITATION.</b> <u>Classification:</u> Eye Irrit. 2B		
2.2	Label Elements:	<u>Hazard Statements</u> (H): H320 – Causes eye irritation. <u>Precautionary Statements</u> (P): P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 – If eye irritation persists get medical advice/attention.		NO SYMBOL REQUIRED
2.3	Other Warnings:	<b>KEEP OUT OF REACH OF CHILDREN.</b>		

## 3. COMPOSITION & INGREDIENT INFORMATION

CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	EXPOSURE LIMITS IN AIR (mg/m <sup>3</sup> )									OTHER
					ACGIH		NOHSC			OSHA				
					ppm		ppm			ppm				
					TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH		
WATER	7732-18-5	ZC0110000	231-791-2	50-75	NA	NA	NF	NF	NF	NA	NA	NA		
ZINC OXIDE	1314-13-2	NA	233-466-0	5-25	NA	NA	NF	NF	NF	NA	NA	NA		
Aq. Acute 1, Aq. Chronic 1; H400, H410														
PROPANEDIOL	504-63-2	NA	207-997-3	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
DICAPRYLYL CARBONATE	1680-31-5	NA	NA	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
BUTYLOCTYL SALICYLATE	190085-41-7	NA	NA	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
Aq. Chronic 1														
ISONONYL ISONONANOATE	59219-71-5	NA	261-665-2	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
C18-21 ALKANE	629-94-7	NA	211-118-9	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
ISOCETYL STEAROYL STEARATE	97338-28-8	NA	306-621-6	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
METHYL DIHYDROABIETATE	33892-18-1	NA	NA	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
POLYESTER-8	862993-96-2	NA	NA	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
CETEARYL ALCOHOL	67762-27-0	NA	267-008-6	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
SODIUM STEAROYL GLUTAMATE	38517-23-6	NA	253-980-9	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
TITANIUM DIOXIDE	13463-67-7	XR2275000	236-675-5	1-5	10	NA	NF	NF	5	NA	5000	NA	RESP	
ALOE BARBADENSIS LEAF JUICE	85507-69-3	NA	305-181-2	0-1	NA	NA	NF	NF	NF	NA	NA	NA		
MUSA SAPIENTUM (BANANA) FRUIT EXTRACT	89957-82-4	NA	289-602-4	0-1	NA	NA	NF	NF	NF	NA	NA	NA		
TOCOPHEROL	1406-18-4	NA	215-798-8	0-1	NA	NA	NF	NF	NF	NA	NA	NA		
ALUMINA	1344-28-1	BD1200000	215-691-6	0-1	NA	NA	NF	NF	NF	NA	NA	NA		



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SDS Revision: 1.0

SDS Revision Date: 10/9/2019

## 4. FIRST AID MEASURES

4.1	First Aid:	<p><b>Ingestion:</b> If ingested, do not induce vomiting. Contact the nearest Poison Control Center or local emergency number. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed.</p> <p><b>Eyes:</b> Splashes are not likely; however, if product gets in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes lifting upper and lower lids, occasionally.</p> <p><b>Skin:</b> Wash thoroughly with soap and water. In case of contact, immediately flush skin with plenty of water for at least 15 minutes.</p> <p><b>Inhalation:</b> Remove victim to fresh air at once. If breathing is difficult, administer oxygen. If breathing stops give artificial respiration. Keep person warm, quiet and get medical attention.</p>
4.2	Effects of Exposure:	<p><b>Ingestion:</b> If product is swallowed, may cause gastrointestinal disturbance.</p> <p><b>Eyes:</b> Exposure to fumes/vapors may cause eye irritation. Symptoms of overexposure may include redness, itching, irritation and watering.</p> <p><b>Skin:</b> May be irritating to skin. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in some sensitive individuals.</p> <p><b>Inhalation:</b> Coughing, wheezing, shortness of breath, impaired pulmonary function. Irritation or soreness in throat, nose and respiratory tract. Drowsiness, dizziness, headaches and nausea.</p>
4.3	Symptoms of Overexposure:	<p><b>Ingestion:</b> If product is swallowed, may cause gastrointestinal disturbance.</p> <p><b>Eyes:</b> Exposure to fumes/vapors may cause eye irritation. Symptoms of overexposure may include redness, itching, irritation and watering.</p> <p><b>Skin:</b> May be irritating to skin. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in some sensitive individuals.</p> <p><b>Inhalation:</b> Coughing, wheezing, shortness of breath, impaired pulmonary function. Irritation or soreness in throat, nose and respiratory tract. Additionally, high concentrations of vapors can cause drowsiness, dizziness, headaches and nausea.</p>
4.4	Acute Health Effects:	Moderate irritation to eyes and skin near affected areas. Additionally, high concentrations of fumes/vapors can cause coughing, wheezing, shortness of breath, impaired pulmonary function. Irritation or soreness in throat, nose and respiratory tract.
4.5	Chronic Health Effects:	Possible allergic dermatitis in some sensitive individuals.
4.6	Target Organs:	Eyes, Skin, Respiratory System, Central Nervous System (CNS).
4.7	Medical Conditions Aggravated by Exposure:	Pre-existing dermatitis, other skin conditions, and disorders of the target organs (eyes, skin) or impaired kidney function may be more susceptible to the effects of this substance.

<b>HEALTH</b>		<b>1</b>
<b>FLAMMABILITY</b>		<b>0</b>
<b>PHYSICAL HAZARDS</b>		<b>0</b>
<b>PROTECTIVE EQUIPMENT</b>		<b>B</b>
<b>EYES</b>	<b>SKIN</b>	

## 5. FIREFIGHTING MEASURES

5.1	Fire & Explosion Hazards:	This product is not flammable. However, if involved in a fire, this product may decompose at high temperatures to form toxic gases (e.g., CO, CO <sub>x</sub> ).	
5.2	Extinguishing Methods:	Water, Foam, CO <sub>2</sub> , Dry Chemical. Use water spray to cool unopened containers.	
5.3	Firefighting Procedures:	Fight fires as for surrounding materials. As in any fire, wear MSHA/NIOSH approved self-contained breathing apparatus (pressure-demand) and full protective gear. Keep containers cool until well after the fire is out. Use water spray to cool fire-exposed surfaces and to protect personal. Fight fire upwind. Avoid spraying water directly into storage containers because of danger of boil-over. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway. Firefighters must use full bunker gear including NIOSH-approved positive pressure self-contained breathing apparatus to protect against potential hazardous combustion or decomposition products and oxygen deficiencies.	

## 6. ACCIDENTAL RELEASE MEASURES

6.1	Spills:	<p>Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment. CAUTION – may be slippery if spilled.</p> <p>For <u>small spills</u> (e.g., &lt; 1 gallon (3.8 L)) wear appropriate personal protective equipment (e.g., goggles, gloves). Maximize ventilation (open doors and windows). Remove spilled material with absorbent material and place into appropriate closed container(s) for disposal. Dispose of properly in accordance with local, state and federal regulations. Wash all affected areas and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse.</p> <p>For <u>large spills</u> (e.g., ≥ 1 gallon (3.8 L)), deny entry to all unprotected individuals. Dike and contain spill with inert material (e.g., sand or earth). Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for proper disposal. Remove contaminated clothing promptly and wash affected skin areas with soap and water. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.</p>
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## 7. HANDLING & STORAGE INFORMATION

7.1	Work & Hygiene Practices:	Do not eat, drink, or smoke while handling this product.
7.2	Storage & Handling:	Use and store in a cool, dry, well-ventilated location (e.g., local exhaust ventilation, fans). Keep away from excessive heat and open flames. Keep away from incompatible substances. Protect containers from physical damage.
7.3	Special Precautions:	Spilled material may present a slipping hazard if left unattended. Clean all spills promptly.

## 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1	Exposure Limits: ppm (mg/m³)	CHEMICAL NAME(S)	ACGIH		NOHSC			OSHA			OTHER
			TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH	
			TITANIUM DIOXIDE	10	NA	NF	NF	5	NA	5000	NA
8.2	Ventilation & Engineering Controls:	Use local or general exhaust ventilation to effectively remove and prevent buildup of vapors or mist generated from the handling of this product. Ensure appropriate decontamination equipment is available (e.g., sink, safety shower, eye-wash station).									
8.3	Respiratory Protection:	No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134, or applicable U.S. state regulations, or the appropriate standards of Canada, its provinces, EU member states, or Australia.									
8.4	Eye Protection:	Use gloves constructed of chemical-resistant materials such as neoprene or heavy nitrile rubber if frequent or prolonged contact is expected. If necessary, refer to U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada, or the EU member states.									
8.5	Hand Protection:	However, no special body protection is required under typical circumstances of use and handling. If necessary, refer to appropriate standards of Canada, the EU member states, or U.S. OSHA.									
8.6	Body Protection:	No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134, or applicable U.S. state regulations, or the appropriate standards of Canada, its provinces, EU member states, or Australia.									



## 9. PHYSICAL & CHEMICAL PROPERTIES

9.1	Appearance:	White viscous liquid.
9.2	Odor:	Characteristic odor.
9.3	Odor Threshold:	NA
9.4	pH:	8.0 ± 1.0
9.5	Melting Point/Freezing Point:	NA
9.6	Initial Boiling Point/Boiling Range:	NA
9.7	Flashpoint:	NA
9.8	Upper/Lower Flammability Limits:	NA
9.9	Vapor Pressure:	NA
9.10	Vapor Density:	NA
9.11	Relative Density:	1.0 ± 0.1
9.12	Solubility:	Soluble in water.
9.13	Partition Coefficient (log P <sub>ow</sub> ):	NA
9.14	Autoignition Temperature:	NA
9.15	Decomposition Temperature:	NA
9.16	Viscosity:	NA
9.17	Other Information:	NA

## 10. STABILITY & REACTIVITY

10.1	Stability:	This product is stable.
10.2	Hazardous Decomposition Products:	Oxides of carbon and nitrogen.
10.3	Hazardous Polymerization:	Will not occur.
10.4	Conditions to Avoid:	Open flames, sparks, high heat and direct sunlight. Avoid freezing.
10.5	Incompatible Substances:	Strong acids, strong bases, strong oxidizing and reducing agents.

## 11. TOXICOLOGICAL INFORMATION

11.1	Routes of Entry:	Inhalation: YES	Absorption: YES	Ingestion: YES
11.2	Toxicity Data:	This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components of the product, but are not presented in this document.		
11.3	Acute Toxicity:	See Section 4.4.		
11.4	Chronic Toxicity:	See Section 4.5.		
11.5	Suspected Carcinogen:	This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm.		



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## 11. TOXICOLOGICAL INFORMATION – cont'd

11.6	Reproductive Toxicity:	This product is not reported to produce reproductive toxicity in humans.
	Mutagenicity:	This product is not reported to produce mutagenic effects in humans.
	Embryotoxicity:	This product is not reported to produce embryotoxic effects in humans.
	Teratogenicity:	This product is not reported to cause teratogenic effects in humans.
	Reproductive Toxicity:	This product is not reported to cause reproductive effects in humans.
11.7	Irritancy of Product:	See Section 4.3.
11.8	Biological Exposure Indices:	NE
11.9	Physician Recommendations:	Treat symptomatically.

## 12. ECOLOGICAL INFORMATION

12.1	Environmental Stability:	The components of this product will slowly degrade over time into a variety of organic compounds.
12.2	Effects on Plants & Animals:	There are no specific data available for this product.
12.3	Effects on Aquatic Life:	Product is expected to rapidly disperse in the aquatic environment.

## 13. DISPOSAL CONSIDERATIONS

13.1	Waste Disposal:	Review current local, state and federal laws, codes, statutes and regulations to determine current status and appropriate disposal method for the ingredients listed in Section 2. Any disposal practice must be in compliance with local, state, and federal laws and regulations.
13.2	Special Considerations:	Contact the federal, state or provincial environmental authority to determine suitability for recycling and or proper disposal requirements.

## 14. TRANSPORTATION INFORMATION

The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR.

14.1	49 CFR (GND):	NOT REGULATED
14.2	IATA (AIR):	NOT REGULATED
14.3	IMDG (OCN):	NOT REGULATED
14.4	TDGR (Canadian GND):	NOT REGULATED
14.5	ADR/RID (EU):	NOT REGULATED
14.6	SCT (MEXICO):	NOT REGULATED
14.7	ADGR (AUS):	NOT REGULATED

## 15. REGULATORY INFORMATION

15.1	SARA Reporting Requirements:	This product does not contain any substances subject to SARA Title III, Section 313 reporting requirements.
15.2	SARA Threshold Planning Quantity:	There are no specific Threshold Planning Quantities for the components of this product.
15.3	TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory.
15.4	CERCLA Reportable Quantity (RQ):	NA
15.5	Other Federal Requirements:	This material does not contain any hazardous air pollutants. None of the components in this product are listed as priority pollutants under the CWA. None of the components in this product are listed as toxic pollutants under the CWA.
15.6	Other Canadian Regulations:	This product has been classified according to the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDL. None of the components of this product are listed on the Priorities Substances List. WHMIS D2B (Other Toxic Effects)
15.7	State Regulatory Information:	No ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI).
15.8	Other Requirements:	This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>







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## 16. OTHER INFORMATION

16.1	Other Information:	<b>WARNING! CAUSES EYE IRRITATION.</b> Use only as directed. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention. <b>KEEP OUT OF REACH OF CHILDREN.</b>	
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.	
16.3	Disclaimer:	This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate's & Sun Bum's knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.	
16.4	Prepared for:	<b>Sun Bum LLC</b> 444 S Coast Hwy 101 Encinitas, CA 92024 USA Tel: +1 (321) 255-3250 <a href="http://www.trustthebum.com/">http://www.trustthebum.com/</a>	
16.5	Prepared by:	<b>ShipMate, Inc.</b> P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 <a href="http://www.shipmate.com">http://www.shipmate.com</a>	



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## DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

### GENERAL INFORMATION:

<b>CAS No.</b>	Chemical Abstract Service Number
<b>RTECS No.</b>	Registry of Toxic Effects of Chemical Substances Number
<b>EINECS No.</b>	European Inventory of Existing Commercial Chemical Substances Number

### EXPOSURE LIMITS IN AIR:

<b>ACGIH</b>	American Conference on Governmental Industrial Hygienists
<b>IDLH</b>	Immediately Dangerous to Life and Health
<b>NOHSC</b>	National Occupational Health and Safety Commission (Australia)
<b>OSHA</b>	U.S. Occupational Safety and Health Administration
<b>PEL</b>	Permissible Exposure Limit
<b>STEL</b>	Short Term Exposure Limit
<b>TLV</b>	Threshold Limit Value
<b>TWA</b>	Time Weighted Average

### FIRST AID MEASURES:

<b>CPR</b>	Cardiopulmonary resuscitation - method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body.
------------	--

### HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

### HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

<b>0</b>	Minimal Hazard
<b>1</b>	Slight Hazard
<b>2</b>	Moderate Hazard
<b>3</b>	Severe Hazard
<b>4</b>	Extreme Hazard

<b>HEALTH</b>
<b>FLAMMABILITY</b>
<b>PHYSICAL HAZARDS</b>
<b>PERSONAL PROTECTION</b>

### PERSONAL PROTECTION RATINGS:

<b>A</b>	
<b>B</b>	
<b>C</b>	
<b>D</b>	
<b>E</b>	
<b>F</b>	

<b>G</b>	
<b>H</b>	
<b>I</b>	
<b>J</b>	
<b>K</b>	
<b>X</b>	Consult your supervisor or SOPs for special handling directions.

Safety Glasses	Splash Goggles	Face Shield & Protective Eyewear	Gloves
Boots	Protective Apron	Protective Clothing & Full Suit	Dust Respirator
Full Face Respirator	Dust & Vapor Half-Mask Respirator	Full Face Respirator	Airline Hood/Mask or SCBA

### OTHER STANDARD ABBREVIATIONS:

<b>Carc</b>	Carcinogenic
<b>Irrit</b>	Irritant
<b>NA</b>	Not Available
<b>NR</b>	No Results
<b>ND</b>	Not Determined
<b>NE</b>	Not Established
<b>NF</b>	Not Found
<b>SCBA</b>	Self-Contained Breathing Apparatus
<b>Sens</b>	Sensitization
<b>STOT RE</b>	Specific Target Organ Toxicity – Repeat Exposure
<b>STOT SE</b>	Specific Target Organ Toxicity – Single Exposure

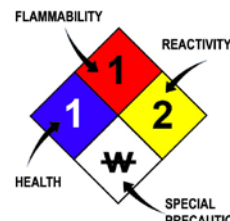
### NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

#### FLAMMABILITY LIMITS IN AIR:

<b>Autoignition Temperature</b>	Minimum temperature required to initiate combustion in air with no other source of ignition
<b>LEL</b>	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source
<b>UEL</b>	Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source

### HAZARD RATINGS:

<b>0</b>	Minimal Hazard
<b>1</b>	Slight Hazard
<b>2</b>	Moderate Hazard
<b>3</b>	Severe Hazard
<b>4</b>	Extreme Hazard
<b>ACD</b>	Acidic
<b>ALK</b>	Alkaline
<b>COR</b>	Corrosive
<b>W</b>	Use No Water
<b>OX</b>	Oxidizer
<b>TREFOIL</b>	Radioactive



### TOXICOLOGICAL INFORMATION:

<b>LD<sub>50</sub></b>	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
<b>LC<sub>50</sub></b>	Lethal concentration (gases) which kills 50% of the exposed animal
<b>ppm</b>	Concentration expressed in parts of material per million parts
<b>TD<sub>10</sub></b>	Lowest dose to cause a symptom
<b>TCLO</b>	Lowest concentration to cause a symptom
<b>TD<sub>10</sub>, LD<sub>10</sub>, &amp; LD<sub>0</sub> or TC, TC<sub>0</sub>, LC<sub>10</sub>, &amp; LC<sub>0</sub></b>	Lowest dose (or concentration) to cause lethal or toxic effects
<b>IARC</b>	International Agency for Research on Cancer
<b>NTP</b>	National Toxicology Program
<b>RTECS</b>	Registry of Toxic Effects of Chemical Substances
<b>BCF</b>	Bioconcentration Factor
<b>TL<sub>m</sub></b>	Median threshold limit
<b>log K<sub>OW</sub> or log K<sub>OC</sub></b>	Coefficient of Oil/Water Distribution

### REGULATORY INFORMATION:

<b>WHMIS</b>	Canadian Workplace Hazardous Material Information System
<b>DOT</b>	U.S. Department of Transportation
<b>TC</b>	Transport Canada
<b>EPA</b>	U.S. Environmental Protection Agency
<b>DSL</b>	Canadian Domestic Substance List
<b>NDSL</b>	Canadian Non-Domestic Substance List
<b>PSL</b>	Canadian Priority Substances List
<b>TSCA</b>	U.S. Toxic Substance Control Act
<b>EU</b>	European Union (European Union Directive 67/548/EEC)
<b>WGK</b>	Wassergefährdungsklassen (German Water Hazard Class)

### WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

### CLP/GHS (1272/2008/EC) PICTOGRAMS:

GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment



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SDS Revision: 1.8

SDS Revision Date: 4/5/2021

## 1. PRODUCT & COMPANY IDENTIFICATION

1.1	Product Name:	<b>SUN BUM SPF50 MINERAL SPRAY (FRAGRANCE FREE)</b>
1.2	Chemical Name:	Aerosol (BOV) Aqueous Solution
1.3	Synonyms:	SB #226.01
1.4	Trade Names:	Sun Bum SPF50 Mineral Spray (Fragrance Free)
1.5	Product Uses & Restrictions:	Personal Sundry
1.6	Distributor's Name:	<b>Sun Bum LLC</b>
1.7	Distributor's Address:	444 S Coast Hwy 101, Encinitas, CA 92024 USA
1.8	Emergency Phone:	<b>PERS +1 (801) 629-0667 / +1 (800) 633-8253 (CN11522)</b>
1.9	Business Phone / Fax:	+1 (321) 255-3250

## 2. HAZARDS IDENTIFICATION

2.1	Hazard Identification:	Prepared in accordance with UN Globally Harmonized standards. Intended to comply with OSHA 29 CFR 1910.1200. Canadian WHMIS and Australian Work Health and Safety <b>WARNING! CONTAINS GAS UNDER PRESSURE; MAY EXPLODE IF HEATED. CAUSES EYE IRRITATION.</b> Classification: Gases Under Pressure (Compressed Gas), Eye Irrit. 2B	
2.2	Label Elements:	<u>Hazard Statements</u> (H): H280 – Contains gas under pressure; may explode if heated. H320 – Causes eye irritation. <u>Precautionary Statements</u> (P): P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 – If eye irritation persists get medical advice/attention. P410+P403 – Protect from sunlight. Store in a well-ventilated place.	
2.3	Other Warnings:	<b>KEEP OUT OF REACH OF CHILDREN.</b>	

## 3. COMPOSITION & INGREDIENT INFORMATION

CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	EXPOSURE LIMITS IN AIR (mg/m³)									OTHER
					ACGIH		NOHSC			OSHA				
					ppm		ppm			ppm				
					TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH		
WATER	7732-18-5	ZC0110000	231-791-2	50-75	NA	NA	NF	NF	NF	NA	NA	NA		
ZINC OXIDE	1314-13-2	NA	233-466-0	5-25	NA	NA	NF	NF	NF	NA	NA	NA		
BUTYLOCTYL SALICYLATE	Aq. Acute 1, Aq. Chronic 1; H400, H410													
	190085-41-7	NA	NA	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
DICAPRYLYL CARBONATE	1680-31-5	NA	NA	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
HELIANTHUS ANNUUS (SUNFLOWER) SEED OIL	8001-21-6	NA	232-273-9	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
TITANIUM DIOXIDE	13463-67-7	XR2275000	236-675-5	1-5	10	NA	NF	NF	5	NA	5000	NA	RESP	
ISOCETYL STEAROYL STEARATE	97338-28-8	NA	306-621-6	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
METHYL DIHYDROABIETATE	33892-18-1	NA	NA	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
PROPANEDIOL	504-63-2	NA	207-997-3	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
CETEARYL ALCOHOL	8005-44-5	NA	267-008-6	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
AIR	132259-10-0	NA	NA	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
POLYESTER-8	862993-96-2	NA	NA	< 1	NA	NA	NF	NF	NF	NA	NA	NA		
SODIUM STEAROYL GLUTAMATE	38517-23-6	NA	253-980-9	< 1	NA	NA	NF	NF	NF	NA	NA	NA		
COCO-GLUCOSIDE	110615-47-9	NA	NA	< 1	NA	NA	NF	NF	NF	NA	NA	NA		
BENTONITE	1302-78-9	Na	215-108-5	< 1	NA	NA	NF	NF	NF	NA	NA	NA		
CAPRYLYL GLYCOL	1117-86-8	NA	214-254-7	< 1	NA	NA	NF	NF	NF	NA	NA	NA		
MICROCRYSTALLINE CELULOSE	9004-34-6	NA	323-674-9	< 1	NA	NA	NF	NF	NF	NA	NA	NA		
SILICA	7631-86-9	VV7310000	231-545-4	< 1	NA	NA	NF	NF	NF	NA	NA	3000	RESP FRAC	



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SDS Revision Date: 4/5/2021

## 3. COMPOSITION & INGREDIENT INFORMATION – cont'd

CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	EXPOSURE LIMITS IN AIR (mg/m <sup>3</sup> )								OTHER
					ACGIH		NOHSC		OSHA				
					ppm		ppm		ppm				
					TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH	
CELLULOSE GUM	9004-32-4	NA	NA	< 1	NA	NA	NF	NF	NF	NA	NA	NA	
POLYHYDROXYSTEARIC ACID	27924-99-8	NA	NA	< 1	NA	NA	NF	NF	NF	NA	NA	NA	
CITRIC ACID	77-92-9	GE7350000	201-069-1	< 1	NA	NA	NF	NF	NF	NA	NA	NA	
ALUMINA	1344-28-1	BD1200000	215-691-6	< 1	NA	NA	NF	NF	NF	NA	NA	NA	
BISABOLOL	23089-26-1	NA	245-423-3	< 1	NA	NA	NF	NF	NF	NA	NA	NA	
GLYCERIN	56-81-5	MA8050000	200-289-5	< 1	NA	NA	NF	NF	NF	NA	NA	NA	
CAPRYLHYDROXAMIC ACID	7377-03-9	RG9900500	230-936-7	< 1	NA	NA	NF	NF	NF	NA	NA	NA	
SODIUM GLUCONATE	527-07-1	LZ5235000	208-407-7	< 1	NA	NA	NF	NF	NF	NA	NA	NA	
TOCOPHEROL	1406-66-2	NA	604-195-9	< 1	NA	NA	NF	NF	NF	NA	NA	NA	
BETA-SITOSTEROL	83-46-5	NA	204-480-6	< 1	NA	NA	NF	NF	NF	NA	NA	NA	
SQUALENE	111-02-4	NA	203-826-1	< 1	NA	NA	NF	NF	NF	NA	NA	NA	
ALOE BARBADENSIS LEAF EXTRACT	94349-62-9	NA	287-390-8	< 1	NA	NA	NF	NF	NF	NA	NA	NA	
CRYSTALLINE SILICA / QUARTZ	14808-60-7	VV7330000	238-787-4	1-5	0.25	NA	NF	0.1	NF	0.1	NA	50	
MUSA SAPIENTUM (BANANA) FRUIT EXTRACT	89957-82-4	NA	289-602-4	< 1	NA	NA	NF	NF	NF	NA	NA	NA	
POTASSIUM SORBATE	24634-61-5	WG2170000	246-376-1	< 1	NA	NA	NF	NF	NF	NA	NA	NA	
SODIUM BENZOATE	532-32-1	DH6650000	208-534-8	< 1	NA	NA	NF	NF	NF	NA	NA	NA	

## 4. FIRST AID MEASURES

4.1	First Aid:	<p><u>Ingestion:</u> If ingested, DO NOT INDUCE VOMITING. Contact the nearest Poison Control Center or local emergency number. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed.</p> <p><u>Eyes:</u> Splashes are not likely; however, if product gets in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes. If irritation occurs, contact a physician.</p> <p><u>Skin:</u> If irritation occurs and product is on the skin, rinse thoroughly with lukewarm water, followed by a thorough washing of the affected area with soap and water. If irritation, redness or swelling persists, contact a physician immediately.</p> <p><u>Inhalation:</u> Remove victim to fresh air at once.</p>															
4.2	Effects of Exposure:	<p><u>Ingestion:</u> If product is swallowed, may cause nausea, vomiting and/or diarrhea.</p> <p><u>Eyes:</u> Moderately irritating to the eyes. Symptoms of overexposure may include redness, itching, irritation and watering.</p> <p><u>Skin:</u> None expected. In some sensitive individuals, the product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in rare instances.</p> <p><u>Inhalation:</u> None expected.</p>															
4.3	Symptoms of Overexposure:	Overexposure in eyes may cause redness, itching and watering. In some sensitive individuals, symptoms of skin overexposure may include redness, itching, and irritation of affected areas.															
4.4	Acute Health Effects:	Moderate irritation to eyes. In some sensitive individuals' moderate irritation to skin near affected areas.															
4.5	Chronic Health Effects:	No harmful or chronic health effects are expected to occur from a single accidental ingestion.															
4.6	Target Organs:	Eyes, Skin															
4.7	Medical Conditions Aggravated by Exposure:	Pre-existing dermatitis, other skin conditions, and disorders of the target organs (eyes, skin).															
		<table><tr><td colspan="2">HEALTH</td><td>1</td></tr><tr><td colspan="2">FLAMMABILITY</td><td>0</td></tr><tr><td colspan="2">PHYSICAL HAZARDS</td><td>0</td></tr><tr><td colspan="2">PROTECTIVE EQUIPMENT</td><td>A</td></tr><tr><td>EYES</td><td></td><td></td></tr></table>	HEALTH		1	FLAMMABILITY		0	PHYSICAL HAZARDS		0	PROTECTIVE EQUIPMENT		A	EYES		
HEALTH		1															
FLAMMABILITY		0															
PHYSICAL HAZARDS		0															
PROTECTIVE EQUIPMENT		A															
EYES																	



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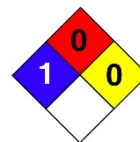
Prepared to OSHA, ACC, ANSI, WHSR, WHMIS, EU & GHS Standards

SDS Revision: 1.8

SDS Revision Date: 4/5/2021

## 5. FIREFIGHTING MEASURES

5.1	Fire & Explosion Hazards:	<b>PRESSURIZED CONTAINER MAY BURST IF HEATED.</b> Level 1 Aerosol (NFPA 30B). Aerosols may burst at temperatures above 120 °F. Cool uninvolved containers to prevent possible bursting. Aerosols may be projectile hazards when bursting. If aerosols are bursting, stay clear until bursting is complete. Containers may rupture and release flammable liquids or/and exposed gases if exposed to the heat of fire. Keep containers cool by spraying them with water until the fire has been extinguished. Keep away from heat, lit cigarettes, sparks & open flame. Keep container closed. When exposed to high temperatures, may produce hazardous decomposition products such as oxides of carbon (e.g., CO, CO <sub>2</sub> ) and nitrogen (e.g., NO <sub>x</sub> ) and smoke.
5.2	Extinguishing Methods:	Water, Foam, CO <sub>2</sub> , Dry Chemical
5.3	Firefighting Procedures:	As in any fire, wear MSHA/NIOSH approved self-contained breathing apparatus (pressure-demand) and full protective gear. Keep containers cool until well after the fire is out. Use water spray to cool fire-exposed surfaces and to protect personal. Fight fire upwind. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway. Firefighters must use full bunker gear including NIOSH-approved positive pressure self-contained breathing apparatus to protect against potential hazardous combustion or decomposition products and oxygen deficiencies.




## 6. ACCIDENTAL RELEASE MEASURES

6.1	Spills:	Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment (PPE). For <u>small spills</u> (e.g., < 1 gallon (3.8 L)) or <u>large spills</u> (e.g., ≥ 1 gallon (3.8 L)), wear appropriate personal protective equipment (e.g., goggles, gloves). Remove spilled material with absorbent material and place into appropriate closed container(s) for disposal. Dispose of properly in accordance with local, state and federal regulations. Wash all affected areas and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse.
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## 7. HANDLING & STORAGE INFORMATION

7.1	Work & Hygiene Practices:	Do not eat, drink, or smoke while handling this product. Upon completion of work activities involving large quantities (e.g., ≥ 1 gallon (3.8 L)) of this product, wash any exposed areas thoroughly with soap and water.
7.2	Storage & Handling:	Use and store in a cool, dry, well-ventilated location (e.g., local exhaust ventilation, fans). Keep away from excessive heat and open flames.
7.3	Special Precautions:	Spilled material may present a slipping hazard if left unattended. Clean all spills promptly.

## 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1	Exposure Limits: ppm (mg/m³)		ACGIH		NOHSC			OSHA			OTHER
		CHEMICAL NAME(S)	TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH	
		TITANIUM DIOXIDE	10	NA	NF	NF	5	NA	5000	NA	RESP
		SILICA	NA	NA	NF	NF	NF	NA	NA	3000	RESP FRAC
		QUARTZ	0.25	NA	NF	0.1	NF	0.1	NA	50	
8.2	Ventilation & Engineering Controls:	When working with large quantities of product, provide adequate ventilation (e.g., local exhaust ventilation, fans). Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.									
8.3	Respiratory Protection:	No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134, or applicable U.S. state regulations, or the appropriate standards of Canada, its provinces, E.C. member states, or Australia.									
8.4	Eye Protection:	Avoid eye contact. Protective eyewear recommended. Wear protective eyewear (e.g., safety glasses with side-shield) at all times when handling large quantities (of this product). Always use protective eyewear when cleaning spills or leaks. Contact lenses pose a special hazard; soft lenses may absorb and concentrate irritants.									
8.5	Hand Protection:	None required under normal conditions of use. However, may cause skin irritation in some sensitive individuals. If anticipated that prolonged & repeated skin contact will occur during use of this product, wear latex or rubber gloves for routine industrial use. If necessary, refer to U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada, of the E.C. member states.									
8.6	Body Protection:	No special body protection is required under typical circumstances of use and handling. If necessary, refer to appropriate standards of Canada, the E.C. member states, or U.S. OSHA.									





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## 9. PHYSICAL & CHEMICAL PROPERTIES

9.1	Appearance:	White lotion. Aerosol (BOV)
9.2	Odor:	Characteristic odor
9.3	Odor Threshold:	NA
9.4	pH:	7.1-9.9
9.5	Melting Point/Freezing Point:	NA
9.6	Initial Boiling Point/Boiling Range:	ND
9.7	Flashpoint:	NA
9.8	Upper/Lower Flammability Limits:	NA
9.9	Vapor Pressure:	NA
9.10	Vapor Density:	NA
9.11	Relative Density:	NA
9.12	Solubility:	Soluble in water
9.13	Partition Coefficient (log P <sub>ow</sub> ):	NA
9.14	Autoignition Temperature:	NA
9.15	Decomposition Temperature:	NA
9.16	Viscosity:	NA
9.17	Other Information:	NA

## 10. STABILITY & REACTIVITY

10.1	Stability:	This product is stable.
10.2	Hazardous Decomposition Products:	Oxides of carbon (CO, CO <sub>2</sub> ) and nitrogen (NO <sub>x</sub> ).
10.3	Hazardous Polymerization:	Will not occur.
10.4	Conditions to Avoid:	Open flames, sparks and high heat. Extreme temperatures.
10.5	Incompatible Substances:	Strong oxidizing agents.

## 11. TOXICOLOGICAL INFORMATION

11.1	Routes of Entry:	Inhalation: NO	Absorption: YES	Ingestion: YES
11.2	Toxicity Data:	This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components of the product, but are not presented in this document.		
11.3	Acute Toxicity:	See Section 4.4.		
11.4	Chronic Toxicity:	See Section 4.5.		
11.5	Suspected Carcinogen:	This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm.		
11.6	Reproductive Toxicity:	This product is not reported to produce reproductive toxicity in humans.		
	Mutagenicity:	This product is not reported to produce mutagenic effects in humans.		
	Embryotoxicity:	This product is not reported to produce embryotoxic effects in humans.		
	Teratogenicity:	This product is not reported to cause teratogenic effects in humans.		
	Reproductive Toxicity:	This product is not reported to cause reproductive effects in humans.		
11.7	Irritancy of Product:	See Section 4.3.		
11.8	Biological Exposure Indices:	NE		
11.9	Physician Recommendations:	Treat symptomatically.		

## 12. ECOLOGICAL INFORMATION

12.1	Environmental Stability:	There are no specific data available for this product.
12.2	Effects on Plants & Animals:	There are no specific data available for this product.
12.3	Effects on Aquatic Life:	The product itself has not been tested as a whole. There are no specific data available for this product.

## 13. DISPOSAL CONSIDERATIONS

13.1	Waste Disposal:	Dispose of in accordance with federal, state and local regulations.
13.2	Special Considerations:	NA



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## 14. TRANSPORTATION INFORMATION

The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR.

14.1	49 CFR (GND):	UN1950, AEROSOLS, 2.2 (LTD QTY, IP VOL ≤ 1.0 L)	
14.2	IATA (AIR):	ID8000, CONSUMER COMMODITY, 9 (IP VOL ≤ 500 mL) UN1950, AEROSOLS, NON-FLAMMABLE, 2.2 (LTD QTY, IP VOL ≤ 820 mL)	
14.3	IMDG (OCN):	UN1950, AEROSOLS, 2.2 (LTD QTY, IP VOL ≤ 1.0 L)	
14.4	TDGR (Canadian GND):	UN1950, AEROSOLS, 2.2 (LTD QTY, IP VOL ≤ 1000 mL) or MARK PACKAGE "LIMITED QUANTITY," "LTD QTY," or "QUANT LTÉE" or "QUANTITÉ LIMITÉE"	
14.5	ADR/RID (EU):	UN1950, AEROSOLS, 2.2 (LTD QTY, IP VOL ≤ 1.0 L)	
14.6	SCT (MEXICO):	UN1950, AEROSOLS, 2.2 (CANT. LTDA., IP VOL ≤ 1.0 L)	
14.7	ADGR (AUS):	UN1950, AEROSOLS, 2.2 (LTD QTY, IP VOL ≤ 1.0 L)	

## 15. REGULATORY INFORMATION

15.1	SARA Reporting Requirements:	This product does not contain any substances subject to SARA Title III, Section 313 reporting requirements.	
15.2	SARA Threshold Planning Quantity:	There are no specific Threshold Planning Quantities for the components of this product.	
15.3	TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory.	
15.4	CERCLA Reportable Quantity (RQ):	NA	
15.5	Other Federal Requirements:	This product complies with the appropriate sections of the Food and Drug Administration's 21 CFR subchapter G (Cosmetics). This material does not contain any hazardous air pollutants. None of the components in this product are listed as priority pollutants under the CWA. None of the components in this product are listed as toxic pollutants under the CWA.	
15.6	Other Canadian Regulations:	This product has been classified according to the hazard criteria of the HPR and the SDS contains all of the information required by the HPR. The components of this product are listed on the DSL/NDL. None of the components of this product are listed on the Priorities Substances List.	
15.7	State Regulatory Information:	None of the ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI). This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm.	
15.8	Other Requirements:	This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>	





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## 16. OTHER INFORMATION

16.1	Other Information:	<b>WARNING! PRESSURIZED CONTAINER MAY BURST IF HEATED. CAUSES EYE IRRITATION.</b> Use only as directed. Discontinue use if irritation develops. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not pierce or burn, even after use. Avoid breathing fume/gas/mist/vapors/spray. Wash hands and exposed skin areas with soap and warm thoroughly after handling. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists get medical advice/attention. Protect from sunlight. Do not expose to temperatures exceeding 50 °C (122 °F). <b>KEEP OUT OF REACH OF CHILDREN.</b>	
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.	
16.3	Disclaimer:	This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate's & Sun Bum's knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.	
16.4	Prepared for:	<b>Sun Bum LLC</b> 444 S Coast Hwy 101 Encinitas, CA 92024 USA Tel: +1 (321) 255-3250 <a href="http://www.trustthebum.com/">http://www.trustthebum.com/</a>	
16.5	Prepared by:	<b>ShipMate, Inc.</b> P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 <a href="http://www.shipmate.com">http://www.shipmate.com</a>	





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## DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

### GENERAL INFORMATION:

CAS No.	Chemical Abstract Service Number
RTECS No.	Registry of Toxic Effects of Chemical Substances Number
EINECS No.	European Inventory of Existing Commercial Chemical Substances Number

### EXPOSURE LIMITS IN AIR:

ACGIH	American Conference on Governmental Industrial Hygienists
IDLH	Immediately Dangerous to Life and Health
NOHSC	National Occupational Health and Safety Commission (Australia)
OSHA	U.S. Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average

### FIRST AID MEASURES:

CPR	Cardiopulmonary resuscitation - method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body.
-----	--

### HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

#### HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard

HEALTH
FLAMMABILITY
PHYSICAL HAZARDS
PERSONAL PROTECTION

#### PERSONAL PROTECTION RATINGS:

A	
B	
C	
D	
E	
F	

G	
H	
I	
J	
K	
X	Consult your supervisor or SOPs for special handling directions.

Safety Glasses	Splash Goggles	Face Shield & Protective Eyewear	Gloves
Boots	Protective Apron	Protective Clothing & Full Suit	Dust Respirator
Full Face Respirator	Dust & Vapor Half-Mask Respirator	Full Face Respirator	Airline Hood/Mask or SCBA

### OTHER STANDARD ABBREVIATIONS:

Carc	Carcinogenic
Irrit	Irritant
NA	Not Available
NR	No Results
ND	Not Determined
NE	Not Established
NF	Not Found
SCBA	Self-Contained Breathing Apparatus
Sens	Sensitization
STOT RE	Specific Target Organ Toxicity - Repeat Exposure
STOT SE	Specific Target Organ Toxicity - Single Exposure

### NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILITY LIMITS IN AIR:	
Autoignition Temperature	Minimum temperature required to initiate combustion in air with no other source of ignition
LEL	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source
UEL	Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source

### HAZARD RATINGS:

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard
ACD	Acidic
ALK	Alkaline
COR	Corrosive
W	Use No Water
OX	Oxidizer
TREFOIL	Radioactive

### TOXICOLOGICAL INFORMATION:

LD <sub>50</sub>	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
LC <sub>50</sub>	Lethal concentration (gases) which kills 50% of the exposed animal
ppm	Concentration expressed in parts of material per million parts
TD <sub>10</sub>	Lowest dose to cause a symptom
TCLo	Lowest concentration to cause a symptom
TD <sub>10</sub> , LD <sub>10</sub> , & LD <sub>0</sub> or TC, TC <sub>0</sub> , LC <sub>10</sub> , & LC <sub>0</sub>	Lowest dose (or concentration) to cause lethal or toxic effects
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program
RTECS	Registry of Toxic Effects of Chemical Substances
BCF	Bioconcentration Factor
TL <sub>m</sub>	Median threshold limit
log K <sub>ow</sub> or log K <sub>oc</sub>	Coefficient of Oil/Water Distribution

### REGULATORY INFORMATION:

WHMIS	Canadian Workplace Hazardous Material Information System
DOT	U.S. Department of Transportation
TC	Transport Canada
EPA	U.S. Environmental Protection Agency
DSL	Canadian Domestic Substance List
NDSL	Canadian Non-Domestic Substance List
PSL	Canadian Priority Substances List
TSCA	U.S. Toxic Substance Control Act
EU	European Union (European Union Directive 67/548/EEC)
WGK	Wassergefährdungsklassen (German Water Hazard Class)

### WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

### CLP/GHS (1272/2008/EC) PICTOGRAMS:

GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment



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Prepared to OSHA, ACC, ANSI, WHSR, WHMIS, EU &amp; GHS Standards



SDS Revision: 1.0

SDS Revision Date: 5/21/2020

## 1. PRODUCT & COMPANY IDENTIFICATION

1.1	Product Name:	<b>SUN BUM SPF50 FACE MIST</b>
1.2	Chemical Name:	Ethanol Solution
1.3	Synonyms:	SB#050RRR
1.4	Trade Names:	Sun Bum SPF50 Face Mist
1.5	Product Use:	Personal Sundry
1.6	Distributor's Name:	<b>Sun Bum LLC</b>
1.7	Distributor's Address:	444 S Coast Hwy 101, Encinitas, CA 92024 USA
1.8	Emergency Phone:	<b>PERS +1 (801) 629-0667 / +1 (800) 633-8253 (CN11522)</b>
1.9	Business Phone / Fax:	+1 (321) 255-3250

## 2. HAZARDS IDENTIFICATION

2.1	Hazard Identification:	Prepared in accordance with UN Globally Harmonized standards. Intended to comply with OSHA 29 CFR 1910.1200. Canadian WHMIS and Australian Work Health and Safety <b>WARNING! FLAMMABLE LIQUID AND VAPOR. CAUSES SERIOUS EYE IRRITATION.</b> Classification: Flam. Liq. 3, Eye Irrit. 2A	
2.2	Label Elements:	<p><u>Hazard Statements</u> (H): H226 – Flammable liquid and vapor. H319 – Causes serious eye irritation.</p> <p><u>Precautionary Statements</u> (P): P210 – Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 – Keep container tightly closed. P264 – Wash thoroughly after handling. P280 – Wear protective eyewear. P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 – If eye irritation persists get medical advice/attention. P362+P364 – Take off contaminated clothing and wash it before reuse. P370+P378 – In case of fire: Use Water, Foam, CO<sub>2</sub>, Dry Chemical, Halon (if authorized), to extinguish. P403+P235 – Store in a well-ventilated place. Keep cool. P410+P412 – Protect from sunlight. Do not expose to temperatures exceeding 50 °C (122 °F). P501 – Dispose of contents/container to a licensed treatment, storage or disposal facility (TSDF).</p>	 
2.3	Other Warnings:	In the event of an exposure or medical inquiry involving this product, please contact a physician or local poison control center, who may seek advice from the U.S. manufacturer, and show them this SDS. <b>KEEP OUT OF REACH OF CHILDREN.</b>	

## 3. COMPOSITION & INGREDIENT INFORMATION

CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	EXPOSURE LIMITS IN AIR (mg/m <sup>3</sup> )									OTHER
					ACGIH		NOHSC			OSHA				
					ppm		ppm			ppm				
					TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH		
ETHANOL (SD ALCOHOL 40B)	64-17-5	KQ6300000	200-578-6	50-75	1000	3000	1000	1800	NF	1000	1900	3300		
	Flam.Liq.2; H225													
HOMOSALATE	118-56-9	NA	204-260-8	10-25	NA	NA	NF	NF	NF	NA	NA	NA		
OCTOCRYLENE	6197-30-4	NA	228-250-8	5-10	NA	NA	NF	NF	NF	NA	NA	NA		
	Aq. Chronic 1; H410													
OCTISALATE	118-60-5	NA	204-263-4	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
AVOBENZONE	70356-09-1	NA	274-581-6	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
	Aq. Chronic 4; H413													
ISOAMYL COCOATE	1451002-36-0	NA	NA	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
POLYMETHYLSILSESQUIOXANE	68554-70-1	NA	NA	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
HAMAMELIS VIRGINIANA (WITH HAZEL) BARK/LEAF EXTRACT	84696-19-5		283-637-9	0.1-1	NA	NA	NF	NF	NF	NA	NA	NA		
MUSA SAPIENTUM (BANANA) FRUIT EXTRACT (FRAGRANCE/PARFUM)	89957-82-4	NA	289-602-4	0-0.1	NA	NA	NF	NF	NF	NA	NA	NA		
TOCOPHEROL	1406-18-4	NA	215-798-8	0-0.1	NA	NA	NF	NF	NF	NA	NA	NA		



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## 4. FIRST AID MEASURES

4.1	First Aid:	<p><b>Ingestion:</b> If ingested, do not induce vomiting. Contact the nearest Poison Control Center or local emergency number. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed.</p> <p><b>Eyes:</b> Splashes are not likely; however, if product gets in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes lifting upper and lower lids, occasionally.</p> <p><b>Skin:</b> Wash thoroughly with soap and water. In case of contact, immediately flush skin with plenty of water for at least 15 minutes.</p> <p><b>Inhalation:</b> Remove victim to fresh air at once. If breathing is difficult, administer oxygen. If breathing stops give artificial respiration. Keep person warm, quiet and get medical attention.</p>															
4.2	Effects of Exposure:	<p><b>Ingestion:</b> If product is swallowed, may cause gastrointestinal disturbance.</p> <p><b>Eyes:</b> Exposure to fumes/vapors may cause eye irritation. Symptoms of overexposure may include redness, itching, irritation and watering.</p> <p><b>Skin:</b> May be irritating to skin. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in some sensitive individuals.</p> <p><b>Inhalation:</b> Coughing, wheezing, shortness of breath, impaired pulmonary function. Irritation or soreness in throat, nose and respiratory tract. Drowsiness, dizziness, headaches and nausea.</p>															
4.3	Symptoms of Overexposure:	<p><b>Ingestion:</b> If product is swallowed, may cause gastrointestinal disturbance.</p> <p><b>Eyes:</b> Exposure to fumes/vapors may cause eye irritation. Symptoms of overexposure may include redness, itching, irritation and watering.</p> <p><b>Skin:</b> May be irritating to skin. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in some sensitive individuals.</p> <p><b>Inhalation:</b> Coughing, wheezing, shortness of breath, impaired pulmonary function. Irritation or soreness in throat, nose and respiratory tract. Additionally, high concentrations of vapors can cause drowsiness, dizziness, headaches and nausea.</p>															
4.4	Acute Health Effects:	Moderate irritation to eyes and skin near affected areas. Additionally, high concentrations of fumes/vapors can cause coughing, wheezing, shortness of breath, impaired pulmonary function. Irritation or soreness in throat, nose and respiratory tract.															
4.5	Chronic Health Effects:	Possible allergic dermatitis in some sensitive individuals.															
4.6	Target Organs:	Eyes, Skin, Respiratory System, Central Nervous System (CNS).															
4.7	Medical Conditions Aggravated by Exposure:	Pre-existing dermatitis, other skin conditions, and disorders of the target organs (eyes, skin) or impaired kidney function may be more susceptible to the effects of this substance.															
		<table><tr><td colspan="2"><b>HEALTH</b></td><td><b>1</b></td></tr><tr><td colspan="2"><b>FLAMMABILITY</b></td><td><b>3</b></td></tr><tr><td colspan="2"><b>PHYSICAL HAZARDS</b></td><td><b>0</b></td></tr><tr><td colspan="2"><b>PROTECTIVE EQUIPMENT</b></td><td><b>B</b></td></tr><tr><td><b>EYES</b></td><td><b>SKIN</b></td><td></td></tr></table>	<b>HEALTH</b>		<b>1</b>	<b>FLAMMABILITY</b>		<b>3</b>	<b>PHYSICAL HAZARDS</b>		<b>0</b>	<b>PROTECTIVE EQUIPMENT</b>		<b>B</b>	<b>EYES</b>	<b>SKIN</b>	
<b>HEALTH</b>		<b>1</b>															
<b>FLAMMABILITY</b>		<b>3</b>															
<b>PHYSICAL HAZARDS</b>		<b>0</b>															
<b>PROTECTIVE EQUIPMENT</b>		<b>B</b>															
<b>EYES</b>	<b>SKIN</b>																

## 5. FIREFIGHTING MEASURES

5.1	Fire & Explosion Hazards:	Keep away from heat, lit cigarettes, sparks & open flame. Keep container closed. When exposed to high temperatures, may produce hazardous decomposition products such as oxides of carbon (e.g., CO, CO <sub>2</sub> ) and nitrogen (e.g., NO <sub>x</sub> ) and smoke.	
5.2	Extinguishing Methods:	Water, Foam, CO <sub>2</sub> , Dry Chemical, Halon (if authorized)	
5.3	Firefighting Procedures:	As in any fire, wear MSHA/NIOSH approved self-contained breathing apparatus (pressure-demand) and full protective gear. Keep containers cool until well after the fire is out. Use water spray to cool fire-exposed surfaces and to protect personnel. Fight fire upwind. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway. Firefighters must use full bunker gear including NIOSH-approved positive pressure self-contained breathing apparatus to protect against potential hazardous combustion or decomposition products and oxygen deficiencies.	

## 6. ACCIDENTAL RELEASE MEASURES

6.1	Spills:	<p>Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment (PPE).</p> <p>For <u>small spills</u> (e.g., &lt; 1 gallon (3.8 L)) wear appropriate personal protective equipment (e.g., goggles, gloves). Maximize ventilation (open doors and windows) and secure all sources of ignition. Remove spilled material with absorbent material and place into appropriate closed container(s) for disposal. Dispose of properly in accordance with local, state and federal regulations. Wash all affected areas and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse.</p> <p>For <u>large spills</u> (e.g., ≥ 1 gallon (3.8 L)), deny entry to all unprotected individuals. Dike and contain spill with inert material (e.g., sand or earth). Use ONLY non-sparking tools for recovery and cleanup. Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for proper disposal. Remove contaminated clothing promptly and wash affected skin areas with soap and water. Keep spills and cleaning runoffs out of drains, municipal sewers and open bodies of water.</p>
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## 7. HANDLING & STORAGE INFORMATION

7.1	Work & Hygiene Practices:	Do not eat, drink, or smoke while handling this product.
7.2	Storage & Handling:	Use and store in a cool, dry, well-ventilated location (e.g., local exhaust ventilation, fans). Keep away from excessive heat and open flames. Avoid temperatures above 120 °F. Keep away from incompatible substances. Protect containers from physical damage.
7.3	Special Precautions:	Spilled material may present a slipping hazard if left unattended. Clean all spills promptly.

## 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1	Exposure Limits: ppm (mg/m <sup>3</sup> )	CHEMICAL NAME(S)	ACGIH		NIOSH			OSHA			OTHER
			TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH	
		ETHANOL (SD ALCOHOL 40B)	1000	3000	1000	1800	NF	1000	1900	3300	
8.2	Ventilation & Engineering Controls:	Use local or general exhaust ventilation to effectively remove and prevent buildup of vapors or mist generated from the handling of this product. Ensure appropriate decontamination equipment is available (e.g., sink, safety shower, eye-wash station).									
8.3	Respiratory Protection:	No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134, or applicable U.S. state regulations, or the appropriate standards of Canada, its provinces, EU member states, or Australia.									
8.4	Eye Protection:	Use gloves constructed of chemical-resistant materials such as neoprene or heavy nitrile rubber if frequent or prolonged contact is expected. If necessary, refer to U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada, or the EU member states.									
8.5	Hand Protection:	However, no special body protection is required under typical circumstances of use and handling. If necessary, refer to appropriate standards of Canada, the EU member states, or U.S. OSHA.									
8.6	Body Protection:	No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134, or applicable U.S. state regulations, or the appropriate standards of Canada, its provinces, EU member states, or Australia.									

## 9. PHYSICAL & CHEMICAL PROPERTIES

9.1	Appearance:	Clear colorless liquid.
9.2	Odor:	Banana/Vanilla
9.3	Odor Threshold:	NA
9.4	pH:	NA
9.5	Melting Point/Freezing Point:	NA
9.6	Initial Boiling Point/Boiling Range:	NA
9.7	Flashpoint:	26.1 °C (79 °F) ethanol solution
9.8	Upper/Lower Flammability Limits:	NA
9.9	Vapor Pressure:	NA
9.10	Vapor Density:	NA
9.11	Relative Density:	NA
9.12	Solubility:	Soluble
9.13	Partition Coefficient (log P <sub>ow</sub> ):	NA
9.14	Autoignition Temperature:	NA
9.15	Decomposition Temperature:	NA
9.16	Viscosity:	Non-viscous
9.17	Other Information:	NA

## 10. STABILITY & REACTIVITY

10.1	Stability:	This product is stable.
10.2	Hazardous Decomposition Products:	Oxides of carbon and nitrogen.
10.3	Hazardous Polymerization:	Will not occur.
10.4	Conditions to Avoid:	Open flames, sparks, high heat and direct sunlight. Avoid freezing.
10.5	Incompatible Substances:	Strong acids, strong bases, strong oxidizing and reducing agents.



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## 11. TOXICOLOGICAL INFORMATION

11.1	Routes of Entry:	Inhalation: NO	Absorption: YES	Ingestion: YES
11.2	Toxicity Data:	This product has not been tested on animals to obtain toxicological data. There are toxicology data for the components of this product, which are found in the scientific literature. This data has not been presented in this document. This product is neither a primary eye nor primary skin irritant per Federal Hazardous Substances Act (FHSA) regulations.		
11.3	Acute Toxicity:	See Section 4.4		
11.4	Chronic Toxicity:	See Section 4.5		
11.5	Suspected Carcinogen:	Carcinogenicity of the mixture has not been determined. Consumption of ethanol in alcoholic beverages is considered carcinogenic to humans (Group 1) by IARC, though ethanol itself has not been classified by this agency. No other components at levels greater than or equal to 0.1% are listed as carcinogens by IARC, US OSHA or NTP. This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> .		
11.6	Reproductive Toxicity:	This product is not reported to produce reproductive toxicity in humans.		
	Mutagenicity:	This product is not reported to produce mutagenic effects in humans.		
	Embryotoxicity:	This product is not reported to produce embryotoxic effects in humans.		
	Teratogenicity:	This product is not reported to cause teratogenic effects in humans.		
	Reproductive Toxicity:	This product is not reported to cause reproductive effects in humans.		
11.7	Irritancy of Product:	The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) upon prolonged or repeated exposure.		
11.8	Biological Exposure Indices:	NE		
11.9	Physician Recommendations:	Treat symptomatically.		

## 12. ECOLOGICAL INFORMATION

12.1	Environmental Stability:	The components of this product will slowly degrade over time into a variety of organic compounds.
12.2	Effects on Plants & Animals:	There are no specific data available for this product.
12.3	Effects on Aquatic Life:	Product is expected to rapidly disperse in the aquatic environment.

## 13. DISPOSAL CONSIDERATIONS

13.1	Waste Disposal:	Review current local, state and federal laws, codes, statutes and regulations to determine current status and appropriate disposal method for the ingredients listed in Section 2. Any disposal practice must be in compliance with local, state, and federal laws and regulations.
13.2	Special Considerations:	Contact the federal, state or provincial environmental authority to determine suitability for recycling and or proper disposal requirements. U.S. EPA Hazardous Waste (Characteristic – Ignitable): D001

## 14. TRANSPORTATION INFORMATION

The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR.

14.1	49 CFR (GND):	ORM-D CONSUMER COMMODITY (until December 31, 2020) UN1170, ETHANOL SOLUTIONS, 3, III (LTD QTY, IP VOL ≤ 5.0 L)	
14.2	IATA (AIR):	UN1170, ETHANOL SOLUTIONS, 3, III (LTD QTY, IP VOL ≤ 1.0 L); or ID8000, CONSUMER COMMODITY, 9 (IP VOL ≤ 1.0 L)	or
14.3	IMDG (OCN):	UN1170, ETHANOL SOLUTIONS, 3, III (LTD QTY, IP VOL ≤ 5.0 L)	
14.4	TDGR (Canadian GND):	UN1170, ETHANOL SOLUTIONS, 3, III (LTD QTY, IP VOL ≤ 5.0 L)	
14.5	ADR/RID (EU):	UN1170, ETHANOL SOLUTIONS, 3, III (LTD QTY, IP VOL ≤ 5.0 L)	
14.6	SCT (MEXICO):	UN1170, ETANOL EN SOLUCION, 3, III (CANT. LTDA., IP VOL ≤ 5.0 L)	
14.7	ADGR (AUS):	UN1170, ETHANOL SOLUTIONS, 3, III (LTD QTY, IP VOL ≤ 5.0 L)	

## 15. REGULATORY INFORMATION

15.1	SARA Reporting Requirements:	This product does not contain any substances subject to SARA Title III, Section 313 reporting requirements.
15.2	SARA TPQ:	There are no specific Threshold Planning Quantities for the components of this product.
15.3	TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory.
15.4	CERCLA Reportable Quantity:	NA
15.5	Other Federal Requirements:	This material does not contain any hazardous air pollutants. None of the components in this product are listed as priority pollutants under the CWA. None of the components in this product are listed as toxic pollutants under the CWA.



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## 15. REGULATORY INFORMATION – cont'd

15.6	Other Canadian Regulations:	This product has been classified according to the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDL. None of the components of this product are listed on the Priorities Substances List. WHMIS B2, D2B (Flammable Liquid, Other Toxic Effects)	
15.7	State Regulatory Information:	<u>Ethanol</u> is found on the following state criteria lists: Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), Pennsylvania Right-to-Know List (PA), and Washington Permissible Exposures List (WA). No ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI).	
15.8	Other Requirements:	This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>	

## 16. OTHER INFORMATION

16.1	Other Information:	<b>WARNING! HIGHLY FLAMMABLE LIQUID AND VAPOR. CAUSES SERIOUS EYE IRRITATION.</b> Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wash thoroughly after handling. Wear protective eyewear. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists get medical advice/attention. Take off contaminated clothing and wash it before reuse. In case of fire: Use Water, Foam, CO <sub>2</sub> , Dry Chemical, Halon (if authorized), to extinguish. Store in a well-ventilated place. Keep cool. Protect from sunlight. Do not expose to temperatures exceeding 50 °C (122 °F). <b>KEEP OUT OF REACH OF CHILDREN.</b>	
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.	
16.3	Disclaimer:	This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate's & Sun Bum's knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.	
16.4	Prepared for:	<b>Sun Bum LLC</b> 444 S Coast Hwy 101 Encinitas, CA 92024 USA Tel: +1 (321) 255-3250 <a href="http://www.trustthebum.com/">http://www.trustthebum.com/</a>	
16.5	Prepared by:	<b>ShipMate, Inc.</b> P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 <a href="http://www.shipmate.com">http://www.shipmate.com</a>	





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## DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

### GENERAL INFORMATION:

<b>CAS No.</b>	Chemical Abstract Service Number
<b>RTECS No.</b>	Registry of Toxic Effects of Chemical Substances Number
<b>EINECS No.</b>	European Inventory of Existing Commercial Chemical Substances Number

### EXPOSURE LIMITS IN AIR:

<b>ACGIH</b>	American Conference on Governmental Industrial Hygienists
<b>IDLH</b>	Immediately Dangerous to Life and Health
<b>NOHSC</b>	National Occupational Health and Safety Commission (Australia)
<b>OSHA</b>	U.S. Occupational Safety and Health Administration
<b>PEL</b>	Permissible Exposure Limit
<b>STEL</b>	Short Term Exposure Limit
<b>TLV</b>	Threshold Limit Value
<b>TWA</b>	Time Weighted Average

### FIRST AID MEASURES:

<b>CPR</b>	Cardiopulmonary resuscitation - method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body.
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### HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

### HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

<b>0</b>	Minimal Hazard
<b>1</b>	Slight Hazard
<b>2</b>	Moderate Hazard
<b>3</b>	Severe Hazard
<b>4</b>	Extreme Hazard

<b>HEALTH</b>
<b>FLAMMABILITY</b>
<b>PHYSICAL HAZARDS</b>
<b>PERSONAL PROTECTION</b>

### PERSONAL PROTECTION RATINGS:

<b>A</b>	
<b>B</b>	
<b>C</b>	
<b>D</b>	
<b>E</b>	
<b>F</b>	

<b>G</b>	
<b>H</b>	
<b>I</b>	
<b>J</b>	
<b>K</b>	
<b>X</b>	Consult your supervisor or SOPs for special handling directions.

Safety Glasses	Splash Goggles	Face Shield & Protective Eyewear	Gloves
Boots	Protective Apron	Protective Clothing & Full Suit	Dust Respirator
Full Face Respirator	Dust & Vapor Half-Mask Respirator	Full Face Respirator	Airline Hood/Mask or SCBA

### OTHER STANDARD ABBREVIATIONS:

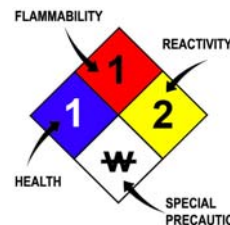
<b>Carc</b>	Carcinogenic
<b>Irrit</b>	Irritant
<b>NA</b>	Not Available
<b>NR</b>	No Results
<b>ND</b>	Not Determined
<b>NE</b>	Not Established
<b>NF</b>	Not Found
<b>SCBA</b>	Self-Contained Breathing Apparatus
<b>Sens</b>	Sensitization
<b>STOT RE</b>	Specific Target Organ Toxicity – Repeat Exposure
<b>STOT SE</b>	Specific Target Organ Toxicity – Single Exposure

### NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILITY LIMITS IN AIR:	
<b>Autoignition Temperature</b>	Minimum temperature required to initiate combustion in air with no other source of ignition
<b>LEL</b>	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source
<b>UEL</b>	Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source

### HAZARD RATINGS:

<b>0</b>	Minimal Hazard
<b>1</b>	Slight Hazard
<b>2</b>	Moderate Hazard
<b>3</b>	Severe Hazard
<b>4</b>	Extreme Hazard
<b>ACD</b>	Acidic
<b>ALK</b>	Alkaline
<b>COR</b>	Corrosive
<b>W</b>	Use No Water
<b>OX</b>	Oxidizer
<b>TREFOIL</b>	Radioactive



### TOXICOLOGICAL INFORMATION:

<b>LD<sub>50</sub></b>	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
<b>LC<sub>50</sub></b>	Lethal concentration (gases) which kills 50% of the exposed animal
<b>ppm</b>	Concentration expressed in parts of material per million parts
<b>TD<sub>10</sub></b>	Lowest dose to cause a symptom
<b>TCLO</b>	Lowest concentration to cause a symptom
<b>TD<sub>10</sub>, LD<sub>10</sub>, &amp; LD<sub>50</sub> or TC, TC<sub>10</sub>, LC<sub>10</sub>, &amp; LC<sub>50</sub></b>	Lowest dose (or concentration) to cause lethal or toxic effects
<b>IARC</b>	International Agency for Research on Cancer
<b>NTP</b>	National Toxicology Program
<b>RTECS</b>	Registry of Toxic Effects of Chemical Substances
<b>BCF</b>	Bioconcentration Factor
<b>TL<sub>m</sub></b>	Median threshold limit
<b>log K<sub>OW</sub> or log K<sub>OC</sub></b>	Coefficient of Oil/Water Distribution

### REGULATORY INFORMATION:

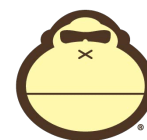
<b>WHMIS</b>	Canadian Workplace Hazardous Material Information System
<b>DOT</b>	U.S. Department of Transportation
<b>TC</b>	Transport Canada
<b>EPA</b>	U.S. Environmental Protection Agency
<b>DSL</b>	Canadian Domestic Substance List
<b>NDSL</b>	Canadian Non-Domestic Substance List
<b>PSL</b>	Canadian Priority Substances List
<b>TSCA</b>	U.S. Toxic Substance Control Act
<b>EU</b>	European Union (European Union Directive 67/548/EEC)
<b>WGK</b>	Wassergefährdungsklassen (German Water Hazard Class)

### WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

### CLP/GHS (1272/2008/EC) PICTOGRAMS:

GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment



## **MATERIAL SAFETY DATA SHEET**

PRODUCT NAME: **BABY BUM STICK SPF30**

### **SECTION 1: CHEMICAL PRODUCT IDENTIFICATION**

Manufacturer / Distributor: **Available Upon Request**  
Manufacturer's Name: **Sunscreen stick SPF30**  
INCI Name (s): **N/A**  
Use: **Moisturising SPF30 lip balm sunscreen preparation for topical human use.**

### **DA**

Description:

U.N. No: **N/A**

Emergency Procedure Guide: **N/A** Class: **N/A** Hazchem Code: **N/A**  
Poison Schedule: **N/A**

### **SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS**

ACTIVES		CAS NUMBER	PROPORTION (% w/w)
	Zinc Oxide	1314-13-2	20.00
EXCIPIENTS	Butyrospermum Parkii (Shea) Butter, Caprylic/Capric Triglyceride (Coconut Oil Fatty Acids), Cera Alba (Beeswax), Copernicia Cerifera (Carnauba) Wax, Euphorbia Cerifera (Candelilla) Cera, Glyceryl Isostearate, Parfum, Polyhydroxystearic Acid, Prunus Amygdalus Dulcis (Sweet Almond) Oil, Ricinus Communis (Castor) Seed Oil, Tocopherol (Vitamin E).		

### **SECTION 3: HEALTH HAZARD IDENTIFICATION**

None if used for intended purpose.

STATEMENT OF HAZARDOUS NATURE: NOT CLASSIFIED AS HAZARDOUS ACCORDING TO WORKSAFE AUSTRALIA

### **SECTION 4: FIRST AID MEASURES**

#### **HEALTH EFFECTS AND SYMPTOMS**

Effects of Over-Exposure: **N/A**  
Medical Conditions Aggravated by Exposure: **N/A**  
Primary Route(s) of Entry: **N/A**

#### **EMERGENCY FIRST AID**

Eye Contact: **Wash with copious amounts of water continuously for 15 minutes. Seek medical advice.**  
Skin Contact: **If irritation or skin sensitisation develops, discontinue use. If irritation or skin sensitisation persists, consult a doctor.**



## **MATERIAL SAFETY DATA SHEET**

PRODUCT NAME: **BABY BUM STICK SPF30**

Inhalation: No adverse affect known.  
Ingestion: Drink water. Seek medical advice. Contact the Poisons Information Centre

In case of discomfort / irritation, discontinue use. If necessary, consult a physician.  
Advice to Doctor: Treat Symptomatically.

### **SECTION 5: FIRE FIGHTING MEASURES**

Flash Point (Closed Cup): N/A  
Flammable Limits LEL/UEL %: N/A  
Extinguishing Media: N/A  
Special Fire and Exposure Hazards: N/A

### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

Personal Precautions: N/A  
Environmental Precautions: N/A  
Spill Response: N/A  
Additional Information: No dangerous substances are released

### **SECTION 7: HANDLING AND STORAGE**

Handling: N/A  
Storage: Product is not defined as a dangerous good. It will be stable and effective for at least 2 years if stored below 30°C in a cool, dry place out of the reach of children in its original container, and kept closed when not in use. Do not store in direct sunlight.

### **SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION**

Exposure Levels: N/A

#### **PERSONAL PROTECTION**

Eye Protection: Not Required  
Skin Protection: Not Required  
Respiratory Protection: Not Required  
Ventilation: Not Required

### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

Physical State @ 20°C:	Balm/Stick	Flammability Limits:	Vapour not flammable
Appearance / Colour:	Off-white cream to light yellow	Specific Gravity (Water = 1)	1.10 - 1.25
Water Solubility:	Non-soluble	Assay for Zinc Oxide	18.0 – 22.0
pH:	N/A	Melting Point:	55 – 62°C

### **SECTION 10: STABILITY AND REACTIVITY**

## **MATERIAL SAFETY DATA SHEET**

PRODUCT NAME: **BABY BUM STICK SPF30**

Chemical Stability:	Stable under normal conditions of use
Hazardous Polymerisation:	Will not occur
Conditions to avoid:	Direct sunlight, warm conditions
Incompatibility:	Excessive heat and direct sunlight
Hazardous Decomposition Products:	N/A

### **SECTION 11: TOXICOLOGICAL INFORMATION**

Skin Irritation:	May cause skin irritation, however this product has been shown NOT to illicit an irritative response when tested on human subjects during SPF testing.
Eye Irritation:	May cause eye irritation. Avoid contact with eyes.
Acute Oral Toxicity (LD50):	No Data Available
Sensitisation:	None known
Chronic Health Effects:	No data available on the long-term effects of this product.

### **SECTION 12: ECOLOGICAL INFORMATION**

Biodegradability:	Product is completely biodegradable
Cautions:	Use product as intended.

### **SECTION 13: SPILLAGE AND DISPOSAL CONSIDERATIONS**

Spillage's:	Consolidate large amounts, wash remainder with hot water and detergent.
Method of Disposal:	Observe all local regulations.

### **SECTION 14: TRANSPORT INFORMATION**

Classification:	Not classed as dangerous for transport according to the Australian Dangerous Goods Code.
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UN Number:	N/A	Dangerous Good Class and Subsidiary Risk:	N/A
HAZCHEM:	N/A	Packaging Group:	N/A

### **SECTION 15: REGULATORY INFORMATION**

Regulation:	
Symbols of Danger:	Not subject of the identification regulations
Risk phases:	Not required
Safety phases:	Not required

### **SECTION 16: OTHER INFORMATION**

MSDS Prepared by:	Baxter Laboratories Pty. Ltd.
Date Prepared by:	07/04/2015
Revision Date:	07/04/2015

## **MATERIAL SAFETY DATA SHEET**

PRODUCT NAME: **BABY BUM STICK SPF30**

### **CONTACT POINT**

Monday - Friday                      8:00am – 5:00pm  
Technical Director                    + 61 3 9720 3009

The information contained herein is accurate to the best of our knowledge. However, It is meant to describe safety requirements of our products, thus this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. No warranty is expressed or made as to this document's accuracy, reliability or completeness. User has the sole responsibility to determine the suitability of the materials for any use and the manner of use contemplated.



## Sun Bum Blonde Formula Hair Lightener

SDS Number: SUN403-04

Revision Date: 12/15/2016

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### 1 PRODUCT AND COMPANY IDENTIFICATION

#### Manufacturer

Available Upon Request

#### Vendor

Sun Bum

#### Contact:

Chem-Tel Inc. 1-800-255-3924

#### Phone:

1-877-978-6286

#### Web:

www.TrustTheBum.com

**Product Name:** Sun Bum Blonde Formula Hair Lightener  
**Revision Date:** 12/15/2016  
**SDS Number:** SUN403-04  
**Common Name:** (Preparation)  
**Chemical Family:** Peroxide Solutions  
**Chemical Formula:** \*\*\*PROPRIETARY\*\*\*  
**Synonyms:** Non-Aerosol Hair Treatment, Pump Hair Spray, Hair Spray  
**Product Use:** Hair treatment. This product is intended for leave in/on use.

**CAUTION:** Avoid combustible material.

#### For International Shipping:

**Proper Shipping Name:** Hydrogen Peroxide

**Contains:** Hydrogen Peroxide <8.0%

### 24 HOUR EMERGENCY CONTACT INFORMATION:

Call: Chem-Tel Inc.  
 Domestic: 1-800-255-3924  
 International: 1-813-248-0585  
 Contract #: MIS0002940  
 Collect Calls Accepted

While the finished product(s) is not considered hazardous as defined in 29 CFR 1910.1200(d), this Safety Data Sheet contains valuable information critical to the safe handling and proper use of the product.

**For external use only. Keep out of reach of children. Use only as directed.**

### 2 HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

**GHS Classification in accordance with 29 CFR 1910 (OSHA HCS):**

Physical, Organic Peroxides, Type G

#### GHS Label elements, including precautionary statements

**GHS Signal Word:** NONE

**GHS Hazard Pictograms:**

# SDS *GHS Safety Data Sheet*

## Sun Bum Blonde Formula Hair Lightener

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no GHS pictograms indicated for this product

### GHS Hazard Statements:

H000 - None

### GHS Precautionary Statements:

P102 - Keep out of reach of children.

P103 - Read label before use.

P235+410 - Keep cool. Protect from sunlight.

P220 - Keep/Store away from clothing/combustible materials.

P281 - Use personal protective equipment as required.

P262 - Do not get in eyes, on skin, or on clothing.

### Hazards not otherwise classified (HNOC) or not covered by GHS

#### Route of Entry:

Eyes; Ingestion; Inhalation; Skin.

This is a personal care or cosmetic product that is safe for consumers and other users under intended and reasonably foreseeable use.

#### Target Organs:

Unknown

#### Inhalation:

Not expected to be irritating to the respiratory system.

In addition, product is unlikely to cause any discomfort or irritation.

#### Skin Contact:

Can be irritating and can cause itchiness and bleaching of contacted skin. Avoid contact with skin.

#### Eye Contact:

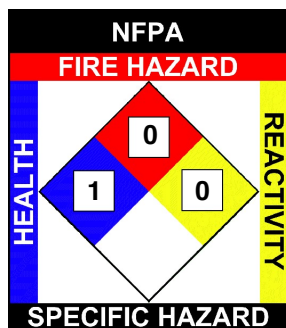
This product can be an eye irritant. Symptoms may include stinging and reddening of eyes and watering which may become copious. Other symptoms may also become evident. Lengthy exposure or delayed treatment may cause permanent damage.

#### Ingestion:

This product is an oral irritant. Symptoms may include burning sensation and reddening of skin in mouth and throat.

NFPA: Health = 1, Fire = 0, Reactivity = 0, Specific Hazard = n/a

HMIS III: Health = 1(Chronic), Fire = 0, Physical Hazard = 0



HMIS		
HEALTH	<input checked="" type="checkbox"/>	1
FLAMMABILITY		0
PHYSICAL HAZARD		0
PERSONAL PROTECTION	<input type="checkbox"/>	

## 3 COMPOSITION/INFORMATION ON INGREDIENTS

### Ingredients:

Cas# % Chemical Name

7722-84-1 <8% Hydrogen peroxide

## 4 FIRST AID MEASURES

### Sun Bum Blonde Formula Hair Lightener

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- Inhalation:** If respiratory irritation occurs, remove individual to fresh air. If physical product is inhaled get immediate medical attention.
- Skin Contact:** If irritation occurs, discontinue use of product and seek medical attention. Wash gently and thoroughly with warm water (use non-abrasive soap if necessary) until product is removed. Under running water, remove contaminated clothing, shoes and leather goods (e.g. watchbands and belts), any accessories, and wash them before reuse.
- Eye Contact:** Immediately flush the contaminated eye(s) with lukewarm, gently flowing water until the product is removed, while holding the eyelid(s) open. Take special care if exposed person is wearing contact lenses. Get medical attention if necessary.
- Ingestion:** If product is ingested, wash mouth with water and seek medical attention. Contact a physician, medical facility or poison control center, for emergency advice. Do not induce vomiting unless specifically directed by qualified personnel.

**You should call your local Poison Control Center if you feel you may have been poisoned, burned or irritated by this product.**

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#### FIRE FIGHTING MEASURES

- Flash Point:** Does not burn. However, if involved in a fire, may intensify the fire.
- Flash Point Method:** Not applicable
- Autoignition Temp:** Not applicable

There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. These products are likely to decompose only after heating to dryness, followed by further strong heating. Fire decomposition products from this product are not expected to be hazardous or harmful.

Extinguishing Media: Not combustible. Use extinguishing media suited to burning materials.

Fire Fighting: If a significant quantity of these products are involved in a fire, call the local fire department.

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#### ACCIDENTAL RELEASE MEASURES

**Remove All Sources of Ignition, Do Not Breath Vapors,  
Ensure Adequate Ventilation, Avoid Contact With Eyes.**

**For large quantities and bulk spill situations:** Evacuate Area

- Plastic or rubber gloves, eye protection, and apron may be required for clean up of large spills.
- Do not discharge excess product into drains. Spills should be contained.
- Absorb onto suitable absorbent material like vermiculite, sand, or kitty litter.
- Sweep up and shovel, or collect recoverable product, and dispose of promptly.
- Take care to avoid contact with wet surfaces or walkways that may become slick when product is present.

**Household settings and small spill scenarios**

- Plastic or rubber gloves, eye protection, and apron may be required for clean up of large spills.
- Absorb onto suitable absorbent material like vermiculite, sand, or kitty litter.
- Sweep up and shovel, or collect recoverable product, and dispose of promptly.
- Wash area completely with warm soapy water.
- Watch out for slippery conditions.

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#### HANDLING AND STORAGE

**Handling Precautions:** Keep exposure to this product to a minimum, and minimise the quantities kept in work areas.

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#### Storage Requirements:

Consider normal working hygiene. Keep material out of reach of children.  
Store in a cool, well ventilated area, out of direct sunlight.

#### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

##### Engineering Controls:

None for general use.

##### Personal Protective Equipment:

Hydrogen peroxide (7722-84-1) [4-20%]

Personal protective equipment

Eye/face protection: Tightly fitting safety goggles. Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Full contact: Material: Nitrile rubber Minimum layer thickness: 0.11 mm Break through time: 480 min  
Material tested: Dermatrill (KCL 740 / Aldrich Z677272, Size M)

Splash contact: Material: Nitrile rubber Minimum layer thickness: 0.11 mm Break through time: 480 min  
Material tested: Dermatrill (KCL 740 / Aldrich Z677272, Size M) data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374 If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body Protection: Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi- purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Hydrogen peroxide (7722-84-1) [4-20%]

Components with workplace control parameters

TWA 1 ppm USA. ACGIH Threshold Limit Values (TLV)

Eye, skin, & Upper Respiratory Tract irritation

Confirmed animal carcinogen with unknown relevance to humans

TWA 1 ppm USA. NIOSH Recommended Exposure Limits  
1.4 mg/m3

TWA 1 ppm USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants  
1.4 mg/m3

The value in mg/m3 is approximate.

TWA 1 ppm USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000  
1.4 mg/m3



# SDS

## GHS Safety Data Sheet

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#### PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Pale Purple, Clear Liquid	<b>Odor:</b>	Fragranced, Characteristic
<b>Physical State:</b>	Liquid	<b>Solubility:</b>	Completely Soluble
<b>Spec Grav./Density:</b>	1.01 - 1.03 gm/cm <sup>3</sup>	<b>Percent Volatile:</b>	Completely volatile at 100 Degrees Celsius
<b>Viscosity:</b>	Not applicable	<b>Freezing/Melting Pt.:</b>	Approximately 0 Degrees Celsius
<b>Boiling Point:</b>	Approximately 100 Degrees Celsius		
<b>pH:</b>	2.77		

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#### STABILITY AND REACTIVITY

<b>Reactivity:</b>	Slowly decomposes to water and oxygen gas - decomposition is faster in warm conditions or if the bottle is in direct sunlight. This product must not be mixed with Alkaline perm products as a strong reaction will take place, causing the mixture to heat strongly. This may lead to burns to either the salon worker or the customer.
<b>Conditions to Avoid:</b>	This product should be kept in a cool place, preferably below 30 degrees Celsius. Keep containers and surrounding areas well ventilated. Keep isolated from combustible materials. Protect this product from light. Elevated Temperatures and/or Direct Sunlight.
<b>Materials to Avoid:</b>	Avoid reducing agents combustible materials.
<b>Hazardous Decomposition:</b>	These products are likely to decompose only after heating to dryness, followed by further strong heating oxygen gas.
<b>Hazardous Polymerization:</b>	Will not occur.

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#### TOXICOLOGICAL INFORMATION

Hydrogen peroxide (7722-84-1) [ $<8\%$ ]

Information on toxicological effects

Acute toxicity: no data available

Inhalation: no data available

Dermal: no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Hydrogen peroxide)

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

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#### Additional Information:

RTECS: Not available

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Liver - Irregularities - Based on Human Evidence

Stomach - Irregularities - Based on Human Evidence (Hydrogen peroxide)

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#### ECOLOGICAL INFORMATION

Hydrogen peroxide (7722-84-1) [<8%]

Information on ecological effects

Toxicity: no data available

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life.

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#### DISPOSAL CONSIDERATIONS

Hydrogen peroxide (7722-84-1) [<8%]

Waste treatment methods

Product: Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging: Dispose of as unused product.

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#### TRANSPORT INFORMATION

Other Than Consumer Packaging: CONTAINERS > 450 liters (>119 US Gallons)

Proper Shipping Name: Hydrogen Peroxide, Aqueous Solution

Technical Name: Hydrogen Peroxide, Aqueous Solution

Hazard Class: C

Packing Group: III

Label Statements: Oxidizer (5.1)

In Consumer (End User) Packaging: Non-hazardous for air, sea and road freight.

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## GHS Safety Data Sheet

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#### REGULATORY INFORMATION

##### Component (CAS#) [%] - CODES

Hydrogen peroxide (7722-84-1) [<8%] EHS302, MASS, NJHS, OSHAPSM, OSHAWAC, PA, TSCA, TXAIR

##### Regulatory CODE Descriptions

EHS302 = Extremely Hazardous Substance  
MASS = MA Massachusetts Hazardous Substances List  
NJHS = NJ Right-to-Know Hazardous Substances  
OSHAPSM = OSHA Chemicals Requiring process safety management  
OSHAWAC = OSHA Workplace Air Contaminants  
PA = PA Right-To-Know List of Hazardous Substances  
TSCA = Toxic Substances Control Act  
TXAIR = TX Air Contaminants with Health Effects Screening Level

##### Fragrance/Allergen Review

The European Union (EU) has identified 26 fragrance components as potential allergens the threshold limits are set at the following levels:

0.001% for Leave in/on products

- Coumarin 91-64-5 202-086-7

##### For EU Distribution

This product may contain the preceding substances as components of the fragrance/flavor/parfum or aroma.

##### For U.S. Distribution

No such declaration need be made.

##### OSHA Regulatory Status:

This MSDS Contains valuable information critical to the safe handling and proper use of this product. This MSDS should be retained and available for employees and other users of this product.

##### Fragrances/Parfums

Perfumes contained within the products covered by this MSDS comply with appropriate IFRA guidance.

#### REGULATORY KEY DESCRIPTIONS

IMDS = IMDS Listed  
TSCA = Toxic Substances Control Act  
HAP = Hazardous Air Pollutants  
PA = PA Right-To-Know List of Hazardous Substances

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#### OTHER INFORMATION

##### **Disclaimer:**

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).

# **SDS** *GHS Safety Data Sheet*

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The information contained here has been compiled from sources considered by La Dove Inc. to be dependable and accurate to the best of the Company's knowledge. It is not intended to be an all-inclusive on word wide hazard communications regulations.

This information only describes safety measures and no liability may arise from the use or application for the product described herein.

This information is given in good faith and based on our current knowledge of the product.