

PRO CHEM, INC.

1475 BLUEGRASS LAKES PKWY.
ALPHARETTA, GA 30004
EMERGENCY/INFO # (800) 241-8180
ADDITIONAL EMERGENCY # INFO TRAC 1-800-535-5053

MATERIAL SAFETY DATA SHEET**SUN SHIELD / 2446****OCTOBER 2009****PAGE 1**

HEALTH	1
FIRE	3
REACTIVITY	0
P.P.E.	none

Complies With USDL Safety and Health Regulations, (29 CFR 1910.200)

SECTION 1 – Chemical and Company Identification**CHEMICAL FAMILY:** Sunscreen Towel**SECTION 2 – Composition on Ingredients**

COMPONENTS (Chemical Identity, Common Name(s))	CAS No.	OSHA PEL	ACGIH-TLV	OTHER LIMITS RECOMMENDED	% (Opt.)
Ethanol	64-17-5	1000 ppm	1000 ppm		60-100%
Octinoxate	5466-77-3	None	None		5-10%
Oxybenzone	131-57-7	None	None		3-7%
Octyl Salicylate	6969-49-9	None	None		3-7%
Homosalate	118-56-9	None	None		1-5%

TSCA: All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory. Any substance listed as hazardous by the States of California, Florida, Illinois, Michigan, New Jersey, Ohio, Pennsylvania or Texas is described above if known present in regulated concentrations.

SECTION 3 – Hazards Information

ROUTE(S) OF ENTRY: EYES: YES INHALATION: NO SKIN: NO INGESTION: NO
HEALTH HAZARDS (Acute and Chronic): Warning: Flammable. For external use only. Keep away from heat, sparks and flame when applying this product. Use with adequate ventilation. Avoid contact with eyes. Do not taste or swallow.

CARCINOGENICITY: CHEMICAL: None NTP: NO IARC MONOGRAPHS: NO OSHA: NO
SIGNS AND SYMPTOMS OF EXPOSURE: Redness, tearing, and stinging of eyes. Redness, drying or irritation of skin.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Pre-existing skin conditions such as dermatitis may be adversely affected by this product.

SECTION 4 – First Aid Measures

EYES: Flush eyes with plenty of water for at least 15 minutes lifting eyelids to ensure complete removal. See a physician immediately.
SKIN: None usually required. Material is designed for skin contact. If symptoms develop seek medical attention.
INHALATION: Unlikely route as liquid is impregnated on a towel, minimizing exposure via this route. If overexposed move into fresh air. If symptoms develop seek medical attention.
INGESTION: Not a likely exposure route. If a large quantity of liquid is swallowed, do not induce vomiting, call a physician or poison control center immediately.

SECTION 5 – Fire Fighting Measures

FLASH POINT, CONC. (METHOD USED): 62°F (PMCC)
FLAMMABLE LIMITS: No Data **LEL:** No Data **UEL:** No Data
EXTINGUISHING MEDIA: CO₂, Dry Chemical, or Alcohol Foam
SPECIAL FIRE FIGHTING PROCEDURES: Water may be ineffective. Keep containers cool and vapors down with water spray. Prevent runoff from entering sewers and public waterways. Wear a SCBA in chemical fires.
HAZARDOUS PRODUCTS OF COMBUSTION: Carbon dioxide, carbon monoxide, hydrogen sulfide, sulfur dioxide, smoke, and soot
UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, electric motors, static charge, or other ignition sources at locations distant from material handling point.

SECTION 6 – Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: SMALL SPILL: Wipe up small releases with a dry absorbent cloth or other absorbent material. LARGE SPILL: Absorb liquid with vermiculite, absorbent cloth, or other absorbent material. Prevent material from entering sewers or drains. Ventilate area and block traffic. Transfer contaminated material into suitable container for proper disposal.

SECTION 7 – Handling and Storage

HANDLING: Do not allow towel contact with eyes. For external use only. Do not use around the mouth or eyes for an extended period of time. Do not smoke while using. Do not contaminate water, food or feed by use or storage. Follow label directions carefully.
STORAGE: Store in a cool, well-ventilated area. Keep away from heat sources. Keep out of reach of children.

SECTION 8 – Exposure Controls/Personal Protection

RESPIRATORY PROTECTION: Not usually necessary. Use with adequate ventilation. Use NIOSH/MSHA approved respirator if PELs or TLVs are exceeded.
SKIN PROTECTION: None necessary. Product is designed for direct skin use.
EYE PROTECTION: None necessary. Do not allow towel to directly contact eyes.
ENGINEERING CONTROLS: Ventilation not usually necessary but should be provided in the event of overexposure.

SECTION 9 – Physical and Chemical Properties

APPEARANCE AND ODOR: Towel impregnated with clear yellow liquid with an alcohol and perfume odor.
VOC's: 633.35 grams per liter or 73.99% by weight
BOILING POINT: 180°F **MELTING POINT:** No Data
EVAPORATION RATE (Butyl Acetate = 1): > 1 **pH:** 6.7 ± 0.5
SOLUBILITY IN WATER: Complete **VAPOR DENSITY (AIR=1):** >1
SPECIFIC GRAVITY (70°F): 0.856 **VAPOR PRESSURE (mm-Hg @70°F):** No Data

SECTION 10 – Stability and Reactivity

HAZARDOUS POLYMERIZATION: Will Not Occur
HAZARDOUS DECOMPOSITION/BY-PRODUCTS: Carbon dioxide, carbon monoxide, hydrogen sulfide, sulfur dioxide, and soot.
INCOMPATIBILITY (Materials to Avoid): Acetaldehyde, acids, chlorine, ethylene oxide, isocyanates, strong oxidizing agents.
STABILITY: Stable

SECTION 11 – Toxicological Information

Ethanol: Inhalation LC50: 20000 ppm/10H, rat; Irritation eye: 50 mg/24H Severe, rabbit; Acute Oral: LD50 7060 mg/kg, rat

SECTION 12 – Ecological Information

Ethanol: Soil: readily biodegrades, quickly evaporates, leaches into groundwater.
Water: readily biodegrades, evaporates at a moderate extent. Does not bioaccumulate.
Air: readily biodegrades by reaction with photochemically produced hydroxyl radicals, readily removed by dry and wet deposition, has a half-life between 1 and 10 days.

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SECTION 13 – Disposal Consideration

WASTE DISPOSAL METHOD: Dispose of in accordance with all applicable local, state and federal regulations.

RCRA Waste Information – If this product becomes a waste, it would be a hazardous waste (D001) as defined by RCRA (40 CFR 261). However, the waste should be properly characterized to evaluate whether its composition has been modified prior to disposal.

SECTION 14 – Transport Information

DOT Information – 49 CFR 172.101

Proper Shipping Description: Not regulated

Hazard Class: None

Identification Number: None

Packing Group: None

Water Transportation:

Proper Shipping Description: Not regulated

Hazard Class: None

Identification Number: None

Packing Group: None

Air Transportation:

Proper Shipping Description: Not regulated

Hazard Class: None

Identification Number: None

Packing Group: None

Marine Pollutants: None

SECTION 15 – Regulatory Information

US Federal Regulations:

TSCA (Toxic Substances Control Act) Status

All ingredients are on the TSCA inventory are are not required to be listed on the TSCA inventory.

CERCLA RQ – 40 CFR 302.4 (a)

None listed

SARA 313 Components – 40 CFR 372.65

None

State and Local Regulations:

California Proposition 65

Warning: This product contains trace chemicals known to the state of California to cause cancer, and/or birth defects of other reproductive harm.

SECTION 16 – Other Information

WARNING! The use of this product is beyond the control of the manufacturer; therefore, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The user must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials. The manufacturer warrants only that this product meets the manufacturer's specifications for such product. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, PRODUCTIVENESS, OR ANY OTHER MATTER, OF THIS PRODUCT. THE MANUFACTURER SHALL BE IN NO WAY RESPONSIBLE FOR THE IMPROPER USE OF THIS PRODUCT. The sole and exclusive remedy against the manufacturer for breach of warranty shall be reimbursement of the purchase price of the product in the event that a defective condition of the product shall be found to exist. NO OTHER REMEDY (INCLUDING BUT NOT LIMITED TO INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE.

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