

ECLECTIC Products

IN THE HOME AND ON THE JOB

MATERIAL SAFETY DATA SHEET

1. Product and company identification

Trade name: Bio-Safe Skin Protectant

Distributed by : **Eclectic Products, Inc.**
1075 Arrowsmith
Eugene, OR 97402
541-484-9621

Print Date : 11/15/2007
Chemical family : Cosmetic oil and water emulsion
Chemical formula : Mixed

In case of emergency : CALL INFOTRAC
800-535-5053
001-352-323-3500

2. Composition / Information Ingredients

Ingredient name : Glycerin USP @ 2.0%
CAS # : 56-81-5
Exposure limits : **OSHA (mg/m3)**
15 total dust; 5 respirable fraction
ACGIH 10 (mg/m3)
(time weighted averages unless indicated otherwise)

3. Hazard identification

Emergency overview : This product does not contain hazardous ingredients and is considered non-toxic. It is not expected to cause skin, eye, or respiratory irritation. All ingredients are categorized by the US Food and Drug Administration as "Generally Regarded As Safe".

Routes of entry : Inhalation, eye, skin, ingestion

Symptoms of overexposure

Inhalation : Not expected to aerosolize or cause respiratory tract irritation.

Skin contact : Not expected to cause skin irritation.

Eye contact : Not expected to cause eye irritation.

Ingestion : No evidence of adverse effects from available information.

Chronic exposure : No adverse effects expected from product under normal use. Liver and kidney effects have been reported from overexposure to glycerin.

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

Medical conditions generally

Aggravated by overexposure : Kidney discomfort has been reported to be aggravated by Glycerin.

4. First aid measures

Inhalation : No treatment required.
Skin : No treatment required.
Eye : If product gets in eyes, flush with water. No other treatment required.
Ingestion : No treatment required.

5. Fire-fighting measures

Flash point : >200°F
Auto ignition temperature : Not applicable
Lower flammable limit : Not flammable
Upper flammable limit : Not flammable
Hazardous combustion : Thermal decomposition yields carbon monoxide, carbon dioxide, and oxides of nitrogen.
Fire and explosion hazard : Not flammable
Extinguishing media : This product is non-combustible. Use appropriate media for surrounding fire.
Special fire fighting procedures : None

6. Accidental release measures

Spill or leak procedures : Spills onto floor may cause a slippery surface. Pedestrian traffic should be alerted. Small spills may be allowed to dry or cleaned up using absorptive materials, such as cloth or paper toweling. Contain larger spills to avoid dispersion in waterways and groundwater. Larger spillage may be pumped or scooped into container with remaining product removed by commercial absorptive materials. Can be disposed as non-hazardous waste in accordance with local, state, and federal regulations.

7. Handling and storage

Precautions : This product is non-hazardous. Keep containers closed and out of direct sunlight when not in use. Protect from freezing.

8. Exposure controls / Personal protection:

Eye protection : None required
Skin protection : None required
Respiratory protection : None required
Engineering controls : Not applicable

9. Physical and chemical properties

Physical state : Viscous lotion
Color : White

Odor	: Mild, medicinal odor
Melting / Freezing point	: Variable, less than 32°F
Boiling point	: 212°F
Solubility in water	: Dispersible
pH	: ~7
Specific gravity	: 0.97
% Volatile by weight	: <3
Vapor density	: 1 (air = 1)
Vapor pressure	: <18 mmHg @ 70°F

10. Stability and reactivity

Stability	: Stable.
Conditions of reactivity	: None
Hazardous polymerization	: Will not occur.
Incompatibilities	: Water content may react with strong oxidizers
Decomposition products	: Thermal decomposition yields carbon monoxide, carbon dioxide, and oxides of nitrogen.

11. Toxicological information

Acute oral toxicity	: LD50 of tested product greater than 5g/kg
Primary eye irritation	: Product considered non-irritating based on Draize test.
Dermal irritation, sensitization:	Product determined to be non-irritant and non-sensitizer based on repeat insult patch testing using modified Draize Assay.
Carcinogenicity	: No constituents listed as carcinogenic in published studies.

12. Ecological information

: No data available on aquatic toxicity or biodegradation of product. One constituent, glycerin, is reported to be toxic for aquatic life. Divert and contain spills consistent with good ecological practice.

13. Disposal considerations

Waste disposal method	: Follow federal, state and local regulations. Applicable to non-hazardous waste.
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14. Transport information

: Not regulated

15. Regulatory information

OSHA	: See Section 1 for constituents covered by the Hazard Communication Standard (29 CFR 1910.1200).
TSCA	: Does not apply.
CERCLA reportable quantity	: Not applicable
SARA Title III	
Section 302 Extremely Hazardous Substance: None	

Section 311/312 Hazard categories : None
Section 313 toxic chemicals : None
RCRA : Product and constituents are not listed.
State regulatory information : None of the constituent chemicals are
substances known to the state of California to cause
cancer and/or reproductive toxicity under Prop 65.
Canada : This product is not regulated as a controlled product
under WHMIS.
HMIS rating : Health = 0 Fire = 1 Reactivity = 0 PPE = none
NFPA rating : Health = 0 Fire = 1 Reactivity = 0 PPE = none

16. Other information

MSDS status : Final

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