

Caprylyl Glycol EHG


Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /
March 26, 2012 / Rules and Regulation

Revision Date: 08-20-2015
Supersedes: 10-30-2012

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Caprylyl Glycol EHG	Distributor:	MakingCosmetics.com Inc.
Synonyms:	Octane-1,2-diol Solution	Address:	10800 231st Way NE Redmond, WA 98053 (USA)
INCI Name:	Caprylyl glycol, Ethylhexylglycerin	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	1117-86-8, 70445-33-9	Web:	www.makingcosmetics.com
Formula:	No data available		
Product Form:	Liquid		
Product Use:	Cosmetic use	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Signal Word:	WARNING												
GHS Classification:	Skin Irrit. 2, Eye Irrit. 2												
GHS Hazard Pictograms:													
GHS Hazard Statements:	H302: Harmful if swallowed H316: Causes mild skin irritation H319: Causes serious eye irritation												
GHS Precautionary Statements:	P312: If swallowed call poison center or doctor P264: Wash skin thoroughly after handling P305: If in eyes rinse cautiously with water for several minutes. Remove contact lenses.												
Potential Health Hazards:	Eyes: May be irritant. Inhalation: Not expected to be irritant. Skin: May be irritant. Ingestion: May be irritant.												
NFPA Ratings (704):	<table border="0"> <tr> <td>Health</td> <td>2</td> <td>Moderate</td> </tr> <tr> <td>Flammability</td> <td>1</td> <td>Slight</td> </tr> <tr> <td>Reactivity</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td>n/a</td> <td></td> </tr> </table>	Health	2	Moderate	Flammability	1	Slight	Reactivity	0	Minimal	Specific Hazard	n/a	
Health	2	Moderate											
Flammability	1	Slight											
Reactivity	0	Minimal											
Specific Hazard	n/a												

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
1,2-Octanediol	1117-86-8	68-72%	146.23 g/mol
1,2-Propanediol, 3-[(2-ethylhexyl)oxy]	70445-33-9	28-33%	204.31 g/mol

4 FIRST AID MEASURES

Eyes:	In case of eye contact, rinse with plenty of water for at least 15 minutes and seek medical attention immediately.
Inhalation:	Move casualty to fresh air and keep at rest. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention if necessary.
Skin:	Remove exposed or contaminated clothing. Immediately flush with plenty of water for at least 15 minutes and wash using soap.
Ingestion:	If this product is swallowed, CALL PHYSICIAN OR POISON CONTROL CENTER FOR MOST CURRENT INFORMATION. Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Get medical attention if necessary.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperature. Use appropriate media (foam, carbon dioxide, dry chemical) for adjacent fire. Do not use water.
Special protective equipment & precautions for firefighters:	Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.

Flash Point (ISO 2719): >100°C (212°F)
Specific hazards arising from the chemical: When involved in a fire, this material may decompose and produce irritating vapors, acrid smoke, and toxic gases (e.g., carbon oxides). See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures: See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions: Not available
Methods and material for containment and cleaning up: Sweep up and place in suitable, closed containers for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations.

7 HANDLING & STORAGE

Precautions for safe handling: See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.
Conditions for safe storage, incl. any incompatibilities: Store in cool, dry well ventilated area. Keep away from heat and incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Caprylyl Glycol EHG	Not available		

TWA: Time Weighted Average over 8 hours of work.
 TLV: Threshold Limit Value over 8 hours of work.
 REL: Recommended Exposure Limit
 PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
 IDLH: Immediately Dangerous to Life or Health
 WEEL: Workplace Environmental Exposure Levels
 CEIL: Ceiling

Personal Protection:

Eyes: Wear chemical safety glasses or goggles. If splash hazard exists, splash goggles with a face shield may be needed.
Inhalation: Use with adequate ventilation. Not needed under normal conditions of use.
Body: Wear chemical impervious gloves. Slip proof shoes may be worn where spills may occur
Other: Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance, Physical State:	Clear liquid	Vapor Pressure:	Not available
Odor:	Odorless	Vapor Density:	Not available
Taste:	Not available	Evaporation Rate:	Not available
Color:	Colorless	Flammability:	May be combustible
Molecular Weight:	Not available	Upper/lower Explosive Limit:	Not available
pH (1 g/L)	6-8		
Boiling Point:	>130°C (266°F)		
Melting Point:	Approx. 15°C (59°F)		
Flash Point:	>100°C (212°F)		
Specific Gravity:	0.94 (Water = 1)		
Solubility (H₂O):	1g/L @ 20°C		

10 STABILITY AND REACTIVITY

Reactivity: Product is stable
Chemical Stability: Product is stable
Hazardous Polymerization: Will not occur
Conditions to Avoid: Avoid exposures to or contact with extreme temperatures, incompatible materials, and sources of ignition.
Incompatible Materials: Strong oxidizing agents, acid chlorides, and acid anhydrides.

Hazardous Decomposition Products: Thermal decomposition of this product can generate acrid fumes and toxic gases (e.g., carbon oxides).

11 TOXICOLOGICAL INFORMATION

Acute Toxicity: No LD50/LC50's are available for this product's components.
Skin: Depending on duration of contact, skin overexposures may cause reddening, discomfort and irritation. Repeated skin contact may cause dermatitis (dry, red skin).
Eyes: Can cause severe irritation, discomfort, reddening, watering, pain, and damage.
Respiratory: Harmful if inhaled. If mists or vapors of this product are inhaled, mild to moderate irritation of the nose, throat, mouth, lungs, and other tissues of respiratory system may occur. Symptoms include difficulty breathing, irritation of mucus membranes, coughing, nasal congestion, and sore throat.
Ingestion: Not anticipated to be a significant route of occupational exposure. If swallowed, will irritate the mouth, esophagus, and other tissue of the digestive system. Symptoms of ingestion overexposure include nausea, vomiting, and diarrhea.
Carcinogenicity: None of this product's components are listed by ACDIH, IARC, OSHA, NIOSH, or NTP.
Teratogenicity: Not reported to cause teratogenic effects in humans.
Germ Cell Mutagenicity: Not reported to cause mutagenic effects in humans.
Embryotoxicity: Not available
Specific Target Organ Toxicity: Not available
Reproductive Toxicity: Not available
Respiratory/Skin Sensitization: Not known to be human skin or respiratory sensitizers.

12 ECOLOGICAL INFORMATION

Ecotoxicity: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Persistence and Degradability: Not available
Bioaccumulative Potential: Not available
Mobility in Soil: Not available
PBT and vPvB Assessment: Not available
Other Adverse Effects: Not available

13 DISPOSAL CONSIDERATIONS

Waste Residues: Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.
Product Containers: Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.
 The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA): Not regulated
TDG (Transportation of Dangerous Goods, Canada): Not regulated
IMDG (International Maritime Dangerous Goods): Not available
IATA (International Air Transport Association): Not available
ICAO (International Civil Aviation Organization): Not available

15 REGULATORY INFORMATION

TSCA Inventory Status: Listed: 1,2-Octanediol listed, Not listed: 1,2-Propanediol, 3-[(2-ethylhexyl)oxy]
DSCL (EEC): Not available
WHMIS (Canada): This material is a controlled product of WHMIS
Classification: D2B- Eye/Skin Irritation

16 OTHER INFORMATION

Revision Date: 08-20-2015

- Compliance:** This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
- Disclaimer:** This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.