

Caprylyl Glycol EHG

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

Revision Date: 22-Jun-2021
Supersedes: 20-Aug-2015


1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Caprylyl Glycol EHG	Distributor:	MakingCosmetics.com Inc.
Synonyms:	No data available	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 Classification: Eye Damage/Irritation, Category 1
Hazardous to the Aquatic Environment - Chronic Hazard, Category 3

Signal Word: DANGER

GHS Hazard Pictograms: 

GHS Hazard Statements: Causes serious eye damage.
Harmful to aquatic life with long lasting effects.

GHS Precautionary Statements: Wear eye/face protection. Avoid release to the environment.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
Dispose in accordance with all applicable regulations.

Potential Health Hazards: Eyes: May be irritant.
Inhalation: Not expected to be irritant.
Skin: May be irritant.
Ingestion: May be irritant.

NFPA Ratings (704):

Health	3	Serious
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%	Not Available
1,2-Propanediol, 3-[(2-ethylhexyl)oxy]-	70445-33-9	28-33%	Not Available

4 FIRST AID MEASURES

Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get immediate medical advice/attention.

Inhalation: Remove person to fresh air and keep comfortable for breathing. If breathing is difficult, oxygen should be administered by qualified personnel. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin: Wash contaminated areas with soap and water. If skin irritation occurs: Get medical advice/attention.

Ingestion: CALL PHYSICIAN OR POISON CONTROL CENTER FOR MOST CURRENT INFORMATION. DO NOT INDUCE VOMITING! Have victim rinse mouth with water, if conscious. Never give induce vomiting or give a diluent (e.g., water) to someone who is unconscious, having convulsions, or unable to swallow. If contaminated individual is convulsing, maintain an open airway and obtain immediate medical attention.

Most Important Symptoms/Effects: Acute: Eye burns
Delated: Eye burns

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	Product is not considered flammable, but will burn at high temperatures. Use appropriate media (water spray, carbon dioxide, foam, dry chemical) for adjacent fire. Do not use high-pressure water streams.
Special protective equipment & precautions for firefighters:	Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots. Move container from fire area if it can be done without risk. Cool containers with water spray until well after the fire is out.
Flash Points:	>100°C (ISO 2719)
Specific hazards arising from the chemical:	Oxides of carbon. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	Evacuate the area promptly and keep upwind of the spilled material. Isolate the spill area to prevent people from entering. Trained personnel using pre-planning procedures should respond to uncontrolled releases. Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions:	Avoid liquid release into sewers/public water. Notify environmental authorities in case of large leaks.
Methods and material for containment and cleaning up:	Material is slippery under foot. Eliminate all sources of ignition. Absorb with sand or other non-combustible material. Decontaminate personnel, spill area, and all tools and equipment. Do not flush into sanitary sewer systems, drains, or surface water. Collect spilled material in appropriate container for disposal. Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

7 HANDLING & STORAGE

Precautions for safe handling:	Do not get in eyes, on skin, or on clothing. Avoid breathing vapor or mist. Wash thoroughly after handling. Do not eat, drink, or smoke when using this product. Use only with adequate ventilation. 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:	Keep container tightly closed when not in use. Store containers in a cool, dry location away from direct sunlight, sources of intense heat, or where freezing is possible. Keep away from incompatible materials (see section 10 for incompatibilities). Store away from food or animal feed. Open containers slowly on a stable surface. Storage areas should be made of fire-resistant materials. Empty containers may contain residual amounts of this product; therefore, empty containers should be handled with care. Never store food, feed, or drinking water in containers that held this product.

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:	Use approved safety goggles or safety glasses. If a splash hazard exists, splash goggles with a face shield may be needed.
Inhalation:	Use NIOSH approved respirators if ventilation is inadequate to control vapors. Oxygen levels below 19.5% are considered IDLH by OSHA. In such atmospheres, use a full-facepiece pressure/demand SCBA or a full-facepiece, supplied air respirator with auxiliary self-contained air supply.
Body:	Wear appropriate chemical resistant clothing. Wear appropriate chemical resistant gloves.
Other:	Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling. Use with adequate ventilation to ensure exposure levels are maintained below exposure limits.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, colorless liquid	Vapor Pressure:	No data available
Odor:	Odorless	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	Colorless	Flammability:	No data available
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH @ 20°C:	6-8 (in 1 g/L water)	Flash Point:	>100°C (ISO 2719)
Boiling Point:	>130°C	Specific Gravity:	0.94 (water = 1)
Melting Point:	No data available	Solubility in Water:	1 g/L @ 20°C
Relative Density:	No data available	Auto-Ignition Temperature:	No data available
Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	No data available
Viscosity:	29 s (DIN 53211)	Explosive Properties:	No data available
Oxidizing Properties:	No data available	Freezing Point:	No data available
Solvent Solubility:	Soluble in alcohols, glycols, glycol ethers, organic solvents		

10 STABILITY AND REACTIVITY

Reactivity:	No reactivity hazard is expected.
Chemical Stability:	Stable at normal temperatures and pressure.
Hazardous Polymerization:	None known.
Conditions to Avoid:	Avoid exposures to or contact with extreme temperatures, incompatible materials, and sources of ignition.
Incompatible Materials:	Strong oxidizing materials, acid anhydrides, acid chlorides.
Hazardous Decomposition Products:	Thermal decomposition of this product can generate acrid fumes and toxic gases such as carbon monoxide and carbon dioxide. Oxides of carbon.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available
Skin:	May cause irritation of the skin.
Eyes:	Immediate effects: eye burns. Causes serious eye damage. May cause blindness. Causes burns.
Respiratory:	May cause irritation, cough, sore throat, difficulty breathing, and lung congestion.
Ingestion:	Ingestion may cause irritation of the esophagus and gastrointestinal tract. Severe overexposure may cause nausea, vomiting, diarrhea, headache, tremors, and central nervous system effects.
Carcinogenicity:	None of this product's components are listed by ACGIH, IARC, NTP, DFG, or OSHA.
Teratogenicity:	No data available
Germ Cell Mutagenicity:	No data available
Embryotoxicity:	No data available
Specific Target Organ Toxicity:	None identified.
Reproductive Toxicity:	No data available
Respiratory/Skin Sensitization:	No data available
Corrosivity:	No data available
Sensitization:	No data available
Irritation:	No data available
Repeated Dose Toxicity:	None identified.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Aquatic Vertebrate:	No LOLI ecotoxicity data are available for this product's components.
Aquatic Invertebrate:	No LOLI ecotoxicity data are available for this product's components.
Terrestrial:	No LOLI ecotoxicity data are available for this product's components.
Persistence and Degradability:	Product is expected to be readily biodegradable.
Bioaccumulative Potential:	No data available
Mobility in Soil:	No data available
PBT and vPvB Assessment:	No data available
Other Adverse Effects:	No data 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 as a hazardous material.
TDG (Transportation of Dangerous Goods, Canada):	Not regulated as dangerous goods.
IMDG (International Maritime Dangerous Goods):	No data available
IATA (International Air Transport Association):	No data available
ICAO (International Civil Aviation Organization):	No data available

15 REGULATORY INFORMATION

TSCA Inventory Status:	1,2-Octanediol (CAS 1117-86-8)
DSCL (EEC):	No data available
WHMIS (Canada):	Classification: E
DSL (Canada):	1,2-Octanediol (CAS 1117-86-8) 1,2-Propanediol, 3-[(2-ethylhexyl)oxy]- (CAS 70445-33-9)
EU EINECS/ELINCS/NLP:	1,2-Octanediol (CAS 1117-86-8)
China IECSC:	No data available
China IECIC (06.30.2014):	No data available
Australia AICS:	1,2-Octanediol (CAS 1117-86-8) 1,2-Propanediol, 3-[(2-ethylhexyl)oxy]- (CAS 70445-33-9)
Japan ENCS:	1,2-Octanediol (CAS 1117-86-8) 1,2-Propanediol, 3-[(2-ethylhexyl)oxy]- (CAS 70445-33-9)
Philippines PICCS:	Not listed
Korea KECI:	1,2-Octanediol (CAS 1117-86-8)
New Zealand NZIoC:	1,2-Octanediol (CAS 1117-86-8) 1,2-Propanediol, 3-[(2-ethylhexyl)oxy]- (CAS 70445-33-9)
Switzerland:	1,2-Octanediol (CAS 1117-86-8) 1,2-Propanediol, 3-[(2-ethylhexyl)oxy]- (CAS 70445-33-9)
Component Analysis:	None of this product's components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 311/312 (40 CFR 370.21), SARA Section 313 (40 CFR 372.65), TSCA 12(b), or require an OSHA process safety plan.
SARA Section 311/312 Hazard Categories:	Acute Health: YES Chronic Health: NO Fire: NO Pressure: NO Reactive: NO
US State Regulations:	None of this product's components are listed on the state lists from CA, MA, MN, NJ, or PA.

16 OTHER INFORMATION

Revision Date: 22-Jun-2021

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.