

Caprylyl Glycol, Phenoxyethanol, Hexylene Glycol

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /
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1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Caprylyl Glycol, Phenoxyethanol, Hexylene Glycol	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Caprylyl Glycol (and) Phenoxyethanol (and) Hexylene Glycol	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	1117-86-8, 122-99-6, 107-41-5	Web:	www.makingcosmetics.com
Formula:	No data available	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)
Product Form:	Liquid		
Product Use:	Cosmetic use		

2 HAZARDS IDENTIFICATION

GHS Classification:	Category 1 - Serious eye damage. Category 2 - Skin irritant. Category 3 - Specific target organ toxicity - Single exposure.		
Signal Word:	DANGER!		
GHS Hazard Pictograms:			
GHS Hazard Statements:	H302: Harmful if swallowed H315: Causes skin irritation H318: Causes serious eye damage H319: Causes serious eye irritation H335: May cause respiratory irritation H336: May cause drowsiness or dizziness		
GHS Precautionary Statements:	P261: Avoid breathing dust/fume/gas/mist/vapors/spray. P264: Wash hands, forearms and face thoroughly after handling. P271: Use only outdoors or in a well-ventilated area. P280: Wear protective gloves/protective clothing/eye protection/face protection. P302+P352: If on skin, wash with plenty of water. P304+P340: If inhaled, remove person to fresh air and keep comfortable for breathing. P305+P351+P338: If in eyes, Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310: Immediately call a poison center or doctor. P312: Call a poison center or doctor if you feel unwell. P321: Specific treatment (see supplemental first aid instruction on this label). P332+P313: If skin irritation occurs, get medical advice/attention. P362+P364: Take off contaminated clothing and wash it before reuse. P403+P233: Store in a well-ventilated place. Keep container tightly closed. P405: Store locked up. P501: Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.		
Potential Health Hazards:	Eyes: Causes serious eye damage. Inhalation: May be an irritant. Skin: Causes skin irritation. Ingestion: May cause nausea, vomiting, and diarrhea.		
NFPA Ratings (704):	Health	1	Slight
	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>Hazard Information</u>
Caprylyl Glycol	1117-86-8	45 - 55%	H319
Phenoxyethanol	122-99-6	30 - 40%	H302, H318, H335
Hexylene Glycol	107-41-5	10 - 20%	H315, H319

4 FIRST AID MEASURES

Eyes:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
Inhalation:	Remove person to fresh air and keep comfortable for breathing.
Skin:	Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs get medical advice/attention.
Ingestion:	Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. Call a poison center/doctor/physician if you feel unwell.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperatures. Use appropriate media (water spray, foam, dry powder, carbon dioxide (CO ₂)) for surrounding environment and adjacent fire. Do not use a solid water stream as it may scatter and spread fire.
Special protective equipment & precautions for firefighters:	Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots.
Flash Points:	284°F (140°C)
Specific hazards arising from the chemical:	Decomposition (in case of fire) may produce hazardous byproducts: Carbon Monoxide (CO) and Carbon Dioxide (CO ₂). See also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	Stop leak if safe to do so. Do not try to clean up the leak without proper protective equipment. Ventilate spillage area. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes. See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions:	Avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak.
Methods and material for containment and cleaning up:	Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible, without risk. Dispose of absorbed material in accordance with the regulations.

7 HANDLING & STORAGE

Precautions for safe handling:	Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes. Use good personal hygiene practices. See section 8 for recommendations on the use of personal protective equipment.
Conditions for safe storage, incl. any incompatibilities:	Always store product in container that is the same material as original container. Keep container tightly closed in a cool, well-ventilated place. Store at room temperature. Store locked up. Store away from 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>
Hexylene Glycol (CAS 107-41-5)	25 ppm (vapor fraction)	TWA	ACGIH
	10 mg/m ³ (inhalable particulate matter, aerosol)	STEL	ACGIH

only)
50 ppm (vapor fraction)
125 mg/m³
25 ppm

STEL
REL-C
REL-C

ACGIH
NIOSH
NIOSH

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 safety glasses.
Inhalation: In case of insufficient ventilation, wear suitable respiratory equipment.
Body: Wear appropriate chemical resistant clothing and gloves.
Other: Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Oily, clear liquid	Vapor Pressure:	No data available
Odor:	Slight characteristic	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	Colorless to light yellow	Flammability:	No data available
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	No data available	Flash Point:	284 °F (140 °C)
Boiling Point:	No data available	Specific Gravity:	No data available
Melting/Freezing Point:	No data available	Solubility:	Insoluble
Relative Density:	0.967 - 0.997	Auto-Ignition Temperature:	No data available
Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	No data available
Viscosity:	No data available	Explosive Properties:	None reported
Oxidizing Properties:	None reported	Metal Corrosion:	No data available

10 STABILITY AND REACTIVITY

Reactivity: Non-reactive under normal conditions of use, storage and transport.
Chemical Stability: Stable under normal conditions.
Hazardous Polymerization: No data available.
Conditions to Avoid: Store in a dry, well-ventilated place away from sources of heat, ignition and direct sunlight.
Incompatible Materials: Strong alkalis. Strong acids.
Hazardous Decomposition Products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Possible Hazardous Reactions: No dangerous reactions known under normal conditions of use.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity: Not classified.
Skin: Causes skin irritation.
Eyes: Causes serious eye damage.
Inhalation: Not classified.
Ingestion: None under normal conditions.
Carcinogenicity: Not classified.
Teratogenicity: No data available.
Germ Cell Mutagenicity: Not classified.
Embryotoxicity: No data available.
Specific Target Organ Toxicity (Single Exposure): May cause drowsiness or dizziness. May cause respiratory irritation.
Reproductive Toxicity: Not classified.
Respiratory/Skin Sensitization: Not classified.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
Aquatic Vertebrate:	
Component; Phenoxyethanol:	(Leuciscus idus) LC50: 220 -460 mg/l; 96 hours; Static system; Fresh water; Experimental value; Nominal concentration (DIN 38412). (Pimephales promelas) LC50: 366 mg/l, 96 hours [Static]
Component; Caprylyl Glycol:	(Danio rerio) LC50: 2.2 - 22 mg/l; 96 hours [static].
Component; Hexylene Glycol:	(Pimephales promelas) LC50: 10500 - 11000 mg/l; 96 hours [flow-through]. (Lepomis macrochirus) LC50: 10000 mg/l; 96 hours [static].
Aquatic Invertebrate:	
Component; Phenoxyethanol:	(Daphnia magna) EC50: > 500 mg/l; 48 hours; Static system; Fresh water; Experimental value; Behavior (Equivalent or similar to OECD 202).
Component; Caprylyl Glycol:	(Daphnia magna) EC50: 176 mg/l; 48 hours; Semi-static system; Fresh water; Experimental value; GLP (OECD 202).
Component; Hexylene Glycol:	(Daphnia magna) EC50: 2700 - 3700 mg/l; 48 hours
Aquatic Algae:	
Component; Phenoxyethanol:	(Desmodesmus subspicatus) EC50: > 500 mg/l; 72 hours. (Desmodesmus subspicatus) ErC50: > 100 mg/l; 72 hours; Static system; Fresh water; Experimental value; Nominal concentration (OECD 201).
Component; Caprylyl Glycol:	(Pseudokirchneriella subcapitata) EC50: 35 mg/l; 72 hours; Static system; Fresh water; Experimental value; GLP (OECD 201). Algae EC50: 48.338 mg/l; 96 hours (Source: EPISUITE).
Component; Hexylene Glycol:	(Pseudokirchneriella subcapitata) EC50: > 429 mg/l; 72 hours; Static system; Fresh water; Experimental value; Growth rate (OECD 201). Algae ErC50: > 429 mg/l (Source: ECHA).
Persistence and Degradability:	Rapidly degradable.
Bioaccumulative Potential:	Low potential for bioaccumulation (Log Kow < 4).
Mobility in Soil:	
Component; Phenoxyethanol:	Highly mobile in soil
Component; Caprylyl Glycol:	No test data on mobility available.
Component; Hexylene Glycol:	Highly mobile in soil
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.
Product Containers:	Do not re-use empty 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 regulated.
IATA (International Air Transport Association):	Not regulated.
ICAO (International Civil Aviation Organization):	No data available.

15 REGULATORY INFORMATION

TSCA Inventory Status:	Listed.
State Right-to-Know List(s):	
Massachusetts:	Hexylene Glycol(CAS#: 107-41-5) Listed.
New Jersey:	Hexylene Glycol(CAS#: 107-41-5) Listed.
Pennsylvania:	Hexylene Glycol(CAS#: 107-41-5) Listed.

Canada (DSL):	No data available.
EU (EINECS):	No data available.
China (IECSC):	No data available.
Australia (AICS):	No data available.
Japan (ENCS):	No data available.

16 OTHER INFORMATION

Revision Date:	10-Sep-2026
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.