

Caprylyl Glycol

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

Revision Date: 09-Dec-2021
Supersedes: 10-Nov-2020

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Caprylyl Glycol	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Caprylyl Glycol	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	1117-86-8	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 irritant												
GHS Signal Word:	Warning												
GHS Hazard Pictograms:													
GHS Hazard Statements:	H302: Harmful if swallowed. H319: Causes serious eye irritation.												
GHS Precautionary Statements:	P280: Wear protective gloves/protective clothing/eye protection/face protection. P301 + P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.												
Potential Health Hazards:	Eyes: Causes serious eye irritation. Inhalation: Not expected to be irritant. Skin: Not expected to be irritant. Ingestion: Not expected to be irritant.												
NFPA Ratings (704):	<table><tr><td>Health</td><td>1</td><td>Slight</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>PPE</td><td>B</td><td></td></tr></table>	Health	1	Slight	Flammability	1	Slight	Reactivity	0	Minimal	PPE	B	
Health	1	Slight											
Flammability	1	Slight											
Reactivity	0	Minimal											
PPE	B												

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Caprylyl Glycol	214-254-7	100%	146.23

4 FIRST AID MEASURES

Eyes:	In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if necessary.
Inhalation:	If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.
Skin:	For skin contact, wipe away excess material with dry towel. Then wash affected area with plenty of water, and mild soap if available, for several minutes. Get medical attention if irritation occurs.
Ingestion:	Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. If accidentally swallowed, give 2 to 4 cups of water, observe victim for 24 hours. Seek medical attention if indicated. If vomiting occurs, keep head lower than hips to prevent aspiration.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:

May be combustible at high temperature. Use appropriate media (water fog, carbon dioxide, foam, dry chemical) for adjacent fire. Use water spray to cool nearby containers and structures exposed to fire.

Special protective equipment & precautions for firefighters:

Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots, when fighting chemical fires.

Flash Points:

No data available

Specific hazards arising from the chemical:

Containers can build up pressure if exposed to heat (fire). Fire involving large amounts of material should not be approached because individual containers may rupture abruptly causing "fireball" effect. Sensitivity to static discharge is not expected. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:

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:

Take up mechanically. Wipe, scrape, or soak up in an inert material and put in a container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazard. Large quantity spills should be contained and pumped into drums for recovery or disposal.

7 HANDLING & STORAGE

Precautions for safe handling:

It is recommended to design all working procedures to avoid the following: eye contact. In reference to prevention of fire and explosion: Take precautionary measures against electrostatic loading. See section 8 for recommendations on the use of personal protective equipment. Keep container tightly closed when not in use. Good hygiene practices should be observed. Work clothes should be washed separately at the end of the day. Disposable clothing should be discarded with material.

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

Component
Caprylyl Glycol

Exposure Limits
Not available

Basis

Entity

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: Safety glasses or goggles (with side shield) protection recommended. Design all working procedures to avoid eye contact with material.
Inhalation: Not needed under normal conditions of use.
Body: Use gloves as a standard industrial handling procedure.
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:

Clear liquid to semi-solid white paste

Vapor Pressure:

No data available

Odor:

No data available

Vapor Density:

No data available

Odor Threshold:

No data available

Evaporation Rate:

No data available

Color:

Clear to white

Flammability:

No data available

Molecular Weight:

146.23

Upper/lower Explosive Limit:

No data available

pH:	No data available	Flash Point:	140 °C (COC)
Boiling Point:	140 °C (16 mBar) 267 °C (1 Bar)	Specific Gravity @ 20 °C:	0.93 (H ₂ O = 1)
Melting Point:	28-31 °C	Solubility in Water:	7.5 g/L
Relative Density:	No data available	Auto-Ignition Temperature:	310 °C
Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	No data available
Viscosity:	No data available	Explosive Properties:	No data available
Oxidizing Properties:	No data available	Freezing Point:	No data available
Log Pow @ 25 °C:	2.1		

10 STABILITY AND REACTIVITY

Reactivity:	No data available
Chemical Stability:	Stable.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	Strong acidic or basic conditions.
Incompatible Materials:	Avoid contact with strong alkali and strong acids.
Hazardous Decomposition Products:	No unusual decomposition products known.
Thermal Decomposition:	Not known

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available
Skin:	Non-sensitizing to human skin (AMES Test)
Eyes:	No data available
Respiratory:	No data available
Ingestion:	No data available
Carcinogenicity:	Not mutagenic (Ames-Test)
Teratogenicity:	No data available
Germ Cell Mutagenicity:	Not mutagenic (Ames-Test)
Embryotoxicity:	No data available
Specific Target Organ Toxicity:	No data available
Reproductive Toxicity:	Not mutagenic (Ames-Test)
Respiratory/Skin Sensitization:	No data available
Corrosivity:	No data available
Sensitization:	Non-sensitizing to human skin (AMES Test)
Irritation:	No data available
Repeated Dose Toxicity:	Sensibilization: No (Local Lymph-Node Assay, OECD 428 and Magnusson-Kligman-Test)

12 ECOLOGICAL INFORMATION

Ecotoxicity	Does not contain heavy materials.
Aquatic Vertebrate:	No data available
Aquatic Invertebrate:	No data available
Terrestrial:	No data available
Persistence and Degradability:	75% over 28 days; easily biodegradable. (Closed bottle test, OECD 301 D)
Bioaccumulative Potential:	Due to the log POW (1.00) and the easy biodegradability, no bioaccumulation is expected.
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:	Disposal in compliance with official regulations. Handle contaminated packaging in the same way as the substance itself. If not officially specified differently, non-contaminated packaging may be treated like

household waste or recycled. Recommended detergent: water and soap.
Waste-key Number (EU): 07 06 00 (waste from the MFSU of fats, grease, soaps, detergents, disinfectants, and cosmetics)

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):	Non-regulated
TDG (Transportation of Dangerous Goods, Canada):	No data available
IMDG (International Maritime Dangerous Goods):	None
IATA (International Air Transport Association):	Not a dangerous good
ICAO (International Civil Aviation Organization):	No data available
Symbols:	GHS07, Irritant
Dangerous Contents to Label:	1,2 Octanediol
Further Advice, Restrictions:	None
Additional Information:	Water hazard class: 2 (analogous VwVwS Anh. 3 No. 6636)

15 REGULATORY INFORMATION

TSCA Inventory Status:	All components of this product are listed on the TSCA Inventory.
DSCL (EEC):	Listed on the DSL
WHMIS (Canada):	Listed, D2B Toxic Materials
EU EINECS/ELINCS/NLP:	EINECS No. 214-254-7
China IECSC:	No data available
China IECIC (06.30.2014):	No data available
Korea KECL:	ECL Serial No. KE-26617
Japan MITI:	No data available
Australia AICS:	Listed on the AICS
Philippines PICCS:	No data available
New Zealand NZIoC:	No data available
SARA 302:	None Found
SARA (311, 312) Hazard Class:	None
SARA (313) Chemicals:	This product does not contain a toxic chemical for routine annual Toxic Chemical Release Reporting under Section 313 (40 CFR 372).
CERCLA Hazardous Substance:	Not a listed EHS
CERCLA Reportable Quantity:	No listed Reportable Quantity
California Prop. 65:	None
Schedule B/HTSUS (Tariff Classification #):	2915.90.1050 (fatty acid esters)
Export Commodity Control Number (ECCN):	No data available
EC Required Symbol(s):	GHS07 Irritant

16 OTHER INFORMATION

Revision Date: 09-Dec-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.