

Hexanediol CG

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

Revision Date: 06/19/2019
Supersedes: 07/07/2018

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Hexanediol CG
Synonyms: No data available
INCI Name: 1,2-Hexanediol, caprylyl glycol
CAS Number: 6920-22-5, 1117-86-8
Formula: No data available
Product Form: Liquid
Product Use: Cosmetic use

Distributor: MakingCosmetics Inc.
Address: 10800 231st Way NE
 Redmond, WA 98053 (USA)
Phone / Fax: 425-292-9502 / 425-292-9601
Web: www.makingcosmetics.com

Emergency Telephone Number: 1-800-424-9300
(Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification: Category 2A
GHS Labeling: Eye irritation

GHS Hazard Pictograms:



GHS Signal Word: Warning
GHS Hazard Statements: H319: Causes serious eye irritation
GHS Precautionary Statements:
Prevention:
 P264: Wash skin thoroughly after handling
 P280: Wear eye protection/face protection
Response:
 P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes.
 Remove contact lenses, if present and easy to do. Continue rinsing.
 P337 + P313: If eye irritation persists: Get medical advice/attention.

Potential Health Hazards:
 Eyes: Causes serious eye irritation.
 Inhalation: Not expected to be irritant.
 Skin: Not expected to be irritant.
 Ingestion: May cause some irritation.

NFPA Ratings (704):

Health	N/A	N/A
Flammability	N/A	N/A
Reactivity	N/A	N/A
Specific Hazard	N/A	

3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %	Molecular Weight
1,2-Hexanediol	6920-22-5	≤30 to <50%	Not Available
Caprylyl Glycol (1,2-Octanediol)	1117-86-8	≤50 to <70%	Not Available

4 FIRST AID MEASURES

Eyes:	In case of eye contact, immediately flush with plenty of water. Remove contact lenses. Keep eye wide open while rinsing. Seek medical attention if necessary.
Inhalation:	If inhaled, remove from area to fresh air. Place victim in recovery position. Get medical attention if respiratory irritation develops or if breathing becomes difficult.
Skin:	Flush with plenty of water and wash using soap. Get medical attention if irritation occurs.
Ingestion:	Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Do not give milk or alcoholic beverages. If large amounts swallowed or symptoms develop, 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 Points:	No data available
Specific hazards arising from the chemical:	Carbon monoxide, carbon dioxide. 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:	Sweep up and place in suitable, closed containers for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and clean-up 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>
Hexanediol CG	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 resistant goggles and/or face shield.
Inhalation:	In the absence of adequate ventilation, a respirator appropriate for the specific workplace conditions is recommended.
Body:	Wear suitable gloves.
Other:	Engineering controls providing adequate ventilation recommended. 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:	0.007 hPa (20°C)/0.006 mmHg (20°C)
Odor:	Characteristic	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	Lower than the evaporation rate of butyl acetate = 1
Color:	Colorless	Flammability:	No data available
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	No data available	Flash Point:	>212°F / >100°C
Boiling Point:	No data available	Specific Gravity:	No data available
Melting Point:	No data available	Solubility in Water:	Immiscible
Relative Density:	0.9350-0.950 (20°C) relation to density of water at 4°C	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:	No data available
Oxidizing Properties:	No data available	Freezing Point:	No data available
% Volatile by Volume:	No data available		

10 STABILITY AND REACTIVITY

Reactivity:	No data available
Chemical Stability:	No decomposition if stored and applied as directed.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	No data available
Incompatible Materials:	No data available
Hazardous Decomposition Products:	No data available
Possibility of Hazardous Reactions:	Stable under recommended storage conditions.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	LD50 Oral: >2000 mg/kg
Skin:	No skin irritation
Eyes:	No data available
Respiratory:	No data available
Ingestion:	No data available
Carcinogenicity:	Non-carcinogenic.
Teratogenicity:	No data available
Germ Cell Mutagenicity:	Non-mutagenic.
Embryotoxicity:	No data available
Specific Target Organ Toxicity:	No data available
Reproductive Toxicity:	No data available
Respiratory/Skin Sensitization:	No data available
Corrosivity:	No data available
Sensitization:	HRIPT results indicate this product is non-sensitizing.
Irritation:	No data available
Repeated Dose Toxicity:	No data available

12 ECOLOGICAL INFORMATION

Ecotoxicity

Aquatic Vertebrate:	No data available
Aquatic Invertebrate:	No data available
Terrestrial:	No data available
Persistence and Degradability:	No data available
Bioaccumulative Potential:	No data available
Mobility in Soil:	No data available
PBT and vPvB Assessment:	This substance/mixture contains no components considered to be either PBT or vPvB.
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):	No data available
TDG (Transportation of Dangerous Goods, Canada):	No data available
IMDG (International Maritime Dangerous Goods):	Not classified as dangerous in the meaning of transport regulations
IATA (International Air Transport Association):	Not classified as dangerous in the meaning of transport regulations
ICAO (International Civil Aviation Organization):	No data available

15 REGULATORY INFORMATION

TSCA Inventory Status:	Not relevant
DSCL (EEC):	No data available
WHMIS (Canada):	No data available
EU EINECS/ELINCS/NLP:	No data available
China IECSC:	No data available
China IECIC (06.30.2014):	No data available
Australia AICS:	No data available
New Zealand NZIoC:	No data available
SARA 304 EHS RQ:	This material does not contain any components with a section 304 EHS RQ (Extremely Hazardous Substances Reportable Quantity).
SARA 311/312 Hazards:	Acute Health Hazard
SARA 302:	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313:	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

16 OTHER INFORMATION

Revision Date:	06/19/2019
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

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