

## Hexanediol CG


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

Revision Date: 21-Oct-2024  
Supersedes: 11-Sep-2020

### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b>	Hexanediol CG	<b>Distributor:</b>	MakingCosmetics Inc.
<b>Synonyms:</b>	No data available	<b>Address:</b>	10800 231 <sup>st</sup> Way NE Redmond, WA 98053 (USA)
<b>INCI Name:</b>	1,2-Hexanediol, Caprylyl Glycol	<b>Phone / Fax:</b>	425-292-9502 / 425-292-9601
<b>CAS Number:</b>	6920-22-5, 1117-86-8	<b>Web:</b>	<a href="http://www.makingcosmetics.com">www.makingcosmetics.com</a>
<b>Formula:</b>	No data available		
<b>Product Form:</b>	Liquid		
<b>Product Use:</b>	Cosmetic use	<b>Emergency Telephone Number:</b>	1-800-424-9300 (Chemtrec)

### 2 HAZARDS IDENTIFICATION

**GHS Classification:** Eye Irritation: Category 2A.  
**GHS Signal Word:** **WARNING**  
**GHS Hazard Pictograms:** 

**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: May be an irritant.  
Skin: May be an irritant.  
Ingestion: May cause nausea, vomiting, or diarrhea.

**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

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
1,2-Hexanediol	6920-22-5	≥30 - <50%	Not Available
Caprylyl Glycol	1117-86-8	≥30 - <50%	Not Available

### 4 FIRST AID MEASURES

**Eyes:** Immediately flush eye(s) with plenty of water. Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.

**Inhalation:** If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.

**Skin:** Cleanse with plenty of water, soap, or other non-irritating cleansing agents. Seek medical attention if necessary.

**Ingestion:** Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. Do not give milk or alcoholic beverages. If symptoms persist, call a physician.

## 5 FIRE-FIGHTING MEASURES

<b>Suitable (and unsuitable) extinguishing media:</b>	May be combustible at high temperatures. Use appropriate media (water spray, alcohol-resistant foam, dry chemical, carbon dioxide) for surrounding environment and adjacent fire. No unsuitable extinguish media listed.
<b>Special protective equipment &amp; precautions for firefighters:</b>	Follow standard procedure for chemical fires. Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots.
<b>Flash Points:</b>	> 212 °F (>100 °C)
<b>Specific hazards arising from the chemical:</b>	None listed. See also Stability and reactivity section.

## 6 ACCIDENTAL RELEASE MEASURES

<b>Personal precautions, protective equipment &amp; emergency procedures:</b>	Ensure adequate ventilation. Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
<b>Environmental precautions:</b>	Avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak.
<b>Methods and material for containment and cleaning up:</b>	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Soak up with inert absorbent material and dispose of as hazardous waste. Dispose of absorbed material in accordance with the regulations.

## 7 HANDLING & STORAGE

<b>Precautions for safe handling:</b>	Use only with adequate ventilation. Do not breathe vapors/dust. For industrial use only. Keep all heated processes at the lowest necessary temperature in order to minimize emissions of volatile chemicals into the air. Take care to avoid waste and spillage when weighing, loading and mixing the product. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.
<b>Conditions for safe storage, incl. any incompatibilities:</b>	Keep containers tightly closed in a dry, cool and well-ventilated place. 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>
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:

<b>Eyes:</b>	Wear chemical resistant goggles and/or face shield.
<b>Inhalation:</b>	In the absence of adequate ventilation, a respirator, appropriate for the specific workplace conditions, is recommended.
<b>Body:</b>	Wear suitable gloves and full protective clothing.
<b>Other:</b>	Use good personal hygiene practices. Engineering controls providing adequate ventilation (such as hoods, point source or whole room ventilation systems for liquids and dust collection systems for dusts) are recommended as the primary method to minimize workplace exposure. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear liquid	<b>Vapor Pressure:</b>	No data available
<b>Odor:</b>	Characteristic	<b>Vapor Density:</b>	No data available
<b>Odor Threshold:</b>	No data available	<b>Evaporation Rate:</b>	No data available
<b>Color:</b>	Colorless	<b>Flammability:</b>	No data available
<b>Molecular Weight:</b>	No data available	<b>Upper/lower Explosive Limit:</b>	No data available

<b>pH:</b>	No data available	<b>Flash Point:</b>	> 212° F (> 100° C)
<b>Boiling Point:</b>	No data available	<b>Specific Gravity:</b>	No data available
<b>Melting/Freezing Point:</b>	No data available	<b>Water Solubility:</b>	Completely miscible
<b>Relative Density at 20°C:</b>	0.9350 - 0.9450 relation to density of water at 4° C	<b>Auto-Ignition Temperature:</b>	No data available
<b>Partition Coefficient: n-octanol/water:</b>	No data available	<b>Decomposition Temperature:</b>	No data available
<b>Viscosity:</b>	No data available	<b>Explosive Properties:</b>	No data available
<b>Oxidizing Properties:</b>	No data available	<b>Metal Corrosion:</b>	No data available

## 10 STABILITY AND REACTIVITY

<b>Reactivity:</b>	No data available.
<b>Chemical Stability:</b>	No decomposition if stored and applied as directed.
<b>Hazardous Polymerization:</b>	No data available.
<b>Conditions to Avoid:</b>	No data available.
<b>Incompatible Materials:</b>	No data available.
<b>Hazardous Decomposition Products:</b>	No data available.
<b>Possible Hazardous Reactions:</b>	Stable under recommended storage conditions.

## 11 TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	Acute toxicity estimate: > 5,000 mg/kg; Method: Calculation method.
<b>Skin:</b>	No data available.
<b>Eyes:</b>	No data available.
<b>Inhalation:</b>	No data available.
<b>Ingestion:</b>	No data available.
<b>Carcinogenicity:</b>	
<b>IARC:</b>	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
<b>OSHA:</b>	No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.
<b>NTP:</b>	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
<b>Teratogenicity:</b>	No data available.
<b>Germ Cell Mutagenicity:</b>	No data available.
<b>Embryotoxicity:</b>	No data available.
<b>Specific Target Organ Toxicity:</b>	No data available.
<b>Reproductive Toxicity:</b>	No data available.
<b>Sensitization:</b>	No data available.
<b>Further Information:</b>	Remarks: This product is a mixture, which has not been tested as a whole. Please refer to derived hazard classification of the mixture.

## 12 ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	This product is a mixture, which has not been tested as a whole. There is no data available for this product. Please refer to derived hazard classification of the mixture.
<b>Aquatic Vertebrate:</b>	No data available.
<b>Aquatic Invertebrate:</b>	No data available.
<b>Terrestrial:</b>	No data available.
<b>Persistence and Degradability:</b>	No data available.
<b>Bioaccumulative Potential:</b>	No data available.
<b>Mobility in Soil:</b>	No data available.
<b>PBT and vPvB Assessment:</b>	This substance/mixture contains no components considered to be either persistent, Bioaccumulative and toxic (PBT), or very persistent and very Bioaccumulative (vPvB) at levels of 0.1% or higher.

**Other Adverse Effects:** No data available.

## 13 DISPOSAL CONSIDERATIONS

**Waste Residues:** Do not dispose of waste into sewer. Discharge into the environment must be avoided. Send to a licensed waste management company. 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:** Empty remaining contents. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers. Where possible, recycling is preferred to disposal or incineration. 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

<b>DOT (Dept. of Transportation, USA):</b>	Not classified as dangerous in the meaning of transport regulations.
<b>TDG (Transportation of Dangerous Goods, Canada):</b>	No data available.
<b>IMDG (International Maritime Dangerous Goods):</b>	Not classified as dangerous in the meaning of transport regulations.
<b>IATA (International Air Transport Association):</b>	Not classified as dangerous in the meaning of transport regulations.
<b>ICAO (International Civil Aviation Organization):</b>	No data available.

## 15 REGULATORY INFORMATION

<b>TSCA Inventory Status:</b>	Not relevant for TSCA 5a or TSCA 12b.
<b>CERCLA Reportable Quantity:</b>	Components: Formaldehyde; CAS-No: 50-00-0; Component RQ (lbs) 100.
<b>SARA 304:</b>	This material does not contain any components with a section 304 extremely hazardous substances reportable quantity.
<b>SARA 311/312 Hazards:</b>	Acute Health Hazard.
<b>SARA 302:</b>	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
<b>SARA 313:</b>	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.
<b>Canada (DSL):</b>	No data available.
<b>EU (EINECS):</b>	No data available.
<b>China (IECSC):</b>	No data available.
<b>Australia (AICS):</b>	No data available.
<b>Japan (ENCS):</b>	No data available.
<b>Philippines (PICCS):</b>	No data available.
<b>Korea (KECI):</b>	No data available.
<b>New Zealand (NZIoC):</b>	No data available.

## 16 OTHER INFORMATION

**Revision Date:** 21-Oct-2024

**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.