

Propanediol 1,3

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

Revision Date: 05-Feb-2026
Supersedes: 28-Mar-2024

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Propanediol 1,3	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE
INCI Name:	Propanediol 1,3		Redmond, WA 98053 (USA)
CAS Number:	504-63-2	Phone / Fax:	425-292-9502 / 425-292-9601
Formula:	No data available	Web:	www.makingcosmetics.com
Product Form:	Liquid		
Product Use:	Cosmetic use		
			Emergency Telephone Number: 1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification:	Not classified.												
GHS Labeling:	Not a dangerous substance according to GHS.												
GHS Hazard Pictograms:	None.												
GHS Hazard Statements:	None.												
GHS Precautionary Statements:	None.												
Potential Health Hazards:	Eyes: Not expected to be an irritant. Inhalation: Not expected to be an irritant. Skin: Not expected to be an irritant. Ingestion: Not expected to be an irritant.												
NFPA Ratings (704):	<table><tr><td>Health</td><td>N/A</td><td>N/A</td></tr><tr><td>Flammability</td><td>N/A</td><td>N/A</td></tr><tr><td>Reactivity</td><td>N/A</td><td>N/A</td></tr><tr><td>Specific Hazard</td><td>N/A</td><td></td></tr></table>	Health	N/A	N/A	Flammability	N/A	N/A	Reactivity	N/A	N/A	Specific Hazard	N/A	
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>
Propanediol 1,3	504-63-2	≥99.8%	Not Available

4 FIRST AID MEASURES

Eyes:	Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.
Inhalation:	No hazards which require special first aid measures.
Skin:	No hazards which require special first aid measures.
Ingestion:	No hazards which require special first aid measures. Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. Seek medical attention if necessary.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperature. Use appropriate media (water, foam, dry chemical, carbon dioxide (CO ₂)) for adjacent fire. No unsuitable extinguishing media listed.
Special protective equipment & precautions for firefighters:	Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots. Evacuate personnel to safe areas. Evacuate personnel and keep upwind of fire.
Flash Points:	264°F (129°C)
Specific hazards arising from the chemical:	Exposure to decomposition products may be a hazard to health. 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/environment. Notify environmental authorities in case of leak.
Methods and material for containment and cleaning up:	Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local/national regulations. Dispose of absorbed material in accordance with the regulations.

7 HANDLING & STORAGE

Precautions for safe handling:	Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.
Conditions for safe storage, incl. any incompatibilities:	Store in a cool, dry place. Keep container closed to prevent contamination. Store bulk quantities under nitrogen blanket. Keep away from heat, sparks, and flames. Store away from incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Component	Exposure Limits	Basis	Entity
Propanediol 1,3	Not available	Not available	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 safety glasses with side shields.
Inhalation:	A respiratory protection program that meets country requirements must be followed whenever workplace conditions warrant respirator use. Consult the OSHA respiratory protection information located at 29CFR 1910.134.
Body:	Where there is potential for skin contact, wear impervious gloves, apron, pants, and jacket.
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:	Liquid	Vapor Pressure:	0.1067 hPa at 20°C (68°F): 0.58 hPa at 25°C (77°F): 13.0656 hPa at 100°C (212°F)
Odor:	Slight odor	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	Transparent	Flammability:	No data available
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	No data available	Flash Point:	264°F (129°C)
Boiling Point:	417°F (214°C)	Specific Gravity:	1.053
Melting Point:	-12.3°F (-24.6°C)	Water Solubility:	> 1,000g/l
Relative Density:	1.053	Auto-Ignition Temperature:	No data available
Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	>264.2°F (129°C)
Dynamic Viscosity:	52 mPa.s at 20°C (68°F)	Explosive Properties:	No data available
Oxidizing Properties:	No data available	Metal Corrosion:	No data available

10 STABILITY AND REACTIVITY

Reactivity:	No applicable data available.
Chemical Stability:	Stable at normal temperatures and storage conditions.
Hazardous Polymerization:	No data available.
Conditions to Avoid:	Temperatures above 129°C (>264°F)

Incompatible Materials:	Strong acids and oxidizing agents.
Hazardous Decomposition Products:	No decomposition if stored normally.
Possible Hazardous Reactions:	Hazardous polymerization will not occur.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available.
Skin:	No data available.
Eyes:	No data available.
Inhalation:	No data available.
Ingestion:	No data available.
Carcinogenicity:	None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, or OSHA, as a carcinogen.
Teratogenicity:	No data available.
Germ Cell Mutagenicity:	No data available.
Embryotoxicity:	No data available.
Specific Target Organ Toxicity:	No data available.
Reproductive Toxicity:	No data available.
Sensitization:	No data available.
Corrosivity:	No data available.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	No data available.
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:	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.
TDG (Transportation of Dangerous Goods, Canada):	No data available.
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:	In compliance with TSCA Inventory requirements for commercial purposes.
SARA 313 Regulated Chemicals:	This material does not contain any chemical components with known CAS Chemical(s) numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
PA Right to Know:	None known.
NJ Right to Know:	None known.

Canada (DSL):	Listed.
EU (EINECS):	Listed.
China (IECSC):	Listed.
Australia (AICS):	Listed.
Japan (ISHL):	Listed.
Philippines (PICCS):	Listed.
Korea (ECL):	Listed.
New Zealand (NZIoC):	Listed.
California Prop 65:	Chemicals known to the State of California to cause cancer, birth defects or any other harm: none known.

16 OTHER INFORMATION

Revision Date:	05-Feb-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 suitableness & completeness of such information for his own particular use.