



Safety Data Sheet Propylene Glycol USP

Complies with 29 CFR 1910.1200

Section 1: Company and Product Identification

Product Name: Propylene Glycol USP

INCI Name: Propylene Glycol

Material Uses: Active ingredient in cosmetic and personal care applications.

Restrictions on Use: Repackaged for cosmetic use only

Company: Lotioncrafter LLC
48 Hope Ln
Eastsound, WA 98245
PH: 1-360-376-8008

Emergency Response: In USA, Canada and North America, 24 hour / 7 day emergency information for our product is provided by the CHEMTREC Emergency Call Center based in the USA.

USA, Canada, Puerto Rico, Virgin Islands CALL +1 800-424-9300
In case of difficulties or for ships at sea CALL +1 703-527-3887
In Europe, Middle East, Africa, Asia Pacific, South America CALL +1 703-527-3887

Section 2: Hazards Identification

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Hazard Pictograms:

Signal Word: Not Applicable

Hazard Classification: This substance does not meet the criteria for a dangerous or hazardous substance.

Hazard Category: Non-classified

Hazard Statements: Not Applicable

Precautionary Statements: Not Applicable

Other Hazards: None

Section 3: Composition / Information on Ingredients

Name	Hazard Category	CAS#	Weight %
Propylene Glycol	Not classified	57-55-6	≤ 100%

Additional Information: No additional information available.



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Section 4: First Aid Measures

General Info: Not expected to be a health hazard when used under normal conditions.

Notable Exposure Symptoms: No specific adverse effects.

If Ingested: In general, no treatment is necessary unless large quantities are swallowed. Seek medical attention.

If Inhaled: No treatment necessary under normal conditions of use. If symptoms persist, obtain medical advice.

Eye Contact: Flush affected eyes with plenty of water for at least 15 minutes. If irritation occurs, obtain medical attention.

Skin Contact: Remove contaminated clothing. Wash with soap and water. If irritation presents or persists, seek medical attention.

Section 5: Fire Fighting Measures

General Info: Flash point: 99°C (210°F) Method: ASTM D-93 / PMCC. Containers exposed to intense heat from fires should be cooled with large quantities of water.

Extinguishing Method /

Equipment: Carbon dioxide (CO₂), dry chemical, foam, halon, water spray (fog). Firefighters should wear self-contained breathing apparatus (SCBA) and full protective equipment. Do not use direct or heavy water stream to fight fire as it may splash burning liquid.

Hazardous Decomposition Info: Material will not burn unless preheated. Carbon monoxide may be evolved if incomplete combustion occurs.

Section 6: Accidental Release Measures

Personal Precautions, Protective

Equipment and Procedures: Observe all relevant local and international regulations. Avoid contact with skin, eyes and clothing.

Environmental Precautions: Prevent from spreading or entering into drains, ditches or rivers by using sand, earth, or other appropriate barriers.

Containment Equipment and

Cleanup Procedures: Contain runoff from residue flush and dispose of properly. Soak up residue with an absorbent such as clay, sand or other suitable material. Remove contaminated soil and dispose of safely.



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Section 7: Handling and Storage

Safe Handling Precautions: Avoid direct contact with material. Only use in well ventilated areas. Wash thoroughly after handling.

Recommendations for Storage: Keep container tightly closed and stored under ambient temperatures. Keep away from sunlight, ignition sources and other sources of heat.

Specific End Use(s): Active ingredient in cosmetic and personal care applications.

Section 8: Exposure Control / Personal Protection

Control Parameters: No additional information available.

General / Engineering

Controls: General mechanical ventilation is acceptable. Always observe good personal hygiene measures. When heated, spray or mist is formed, there is greater potential for airborne concentrations to be generated.

Eye/Face Protection: Chemical goggles with side splash protection recommended. An eye wash facility should be available in the work area.

Hand Protection: Protective gloves (US: F739)

Body Protection: Skin protection is not ordinarily required beyond standard work attire.

Respiratory Protection: If ventilation is insufficient, select an appropriate air filtering respirator.

Thermal Hazards: None required under normal conditions of use

Other: Observe good chemical hygiene practices, washing exposed areas of the skin several times daily. Launder contaminated clothing before re-use.



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Section 9: Physical and Chemical Properties

Physical State: Liquid

Appearance: Clear

Color: Colorless

Odor: Characteristic

Odor Threshold: No data available

pH: 7

Melting Point/Freezing Point: -59°C (-74°F)

Boiling Point: 186 - 189°C (367 - 372°F)

Flash Point: 99°C (210°F) Method: ASTM D-93 / PMCC

Auto-ignition Temperature: 421°C (790°F)

Decomposition Temperature: Not applicable

Evaporation Rate: No data available

Vapor Pressure: ca. 7 Pa (20°C / 68°F)

Explosive Limits: Upper: 12.6% (V) Lower: 2.6% (V)

Vapor Density: 2.5 (20°C / 68°F)

Relative Density: 1.04 (3.89°C / 39.00°F)

Density: 1,036 kg/m³ (20°C / 68°F)

Molecular Weight: 76.1 g/mol

Water Solubility: Soluble in water

Viscosity, Dynamic: 55 mPa.s (20°C / 68°F)

Surface Tension: 71.6 mN/m, 21.5°C / 70.7°F

Explosion Properties: None

Oxidizing Properties: None

Partition coefficient: Not available

Other Information: None available

Section 10: Stability and Reactivity

Reactivity: The product does not pose any further reactivity hazards in addition to those listed in the following sub-paragraph.

Chemical Stability: No hazardous reaction is expected when handled and stored according to provisions oxidizes on contact with air.

Possibility of Hazardous

Reactions: None known.

Conditions to Avoid: Extreme temperatures and direct sunlight.

Incompatible Materials: Strong acids, oxidizing agents, and strong bases.

Hazardous Decomposition

Products: Burning can produce smoke, CO, CO₂, ammonia and other products of incomplete combustion.



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Section 11: Toxicological Information

Acute Toxicity: Oral LD50 is anticipated to be >5g/kg based on testing of similar materials.

Irritation: *in vitro* dermal testing of similar materials show product to be non-irritating.

Corrosivity: This is not a corrosive product.

Sensitization: Not expected to be a sensitizer.

Repeated Dose Toxicity: No data available

Carcinogenicity: None of the components are listed as a carcinogen by IARC, NTP, OSHA, ACGIH or the EU Substances Directive.

Mutagenicity: Not expected to present a germ cell mutagenicity hazard.

Toxicity for reproduction: Not expected to affect reproduction or development.

Section 12: Ecological Information

Toxicity: Practically non toxic.

Aquatic Toxicity: Practically non toxic.

Persistence and Degradability: Readily biodegradable.

Bioaccumulative Potential: Does not bioaccumulate significantly.

Mobility in Soil: If product enters soil, it will be highly mobile and may contaminate groundwater.
Dissolves in water.

Results of PBT and vPvB

Assessment: This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

Other Adverse Effects: None known

Section 13: Disposal Information

Product Disposal: Dispose of product in accordance with local, regional, and national regulations.

Container Disposal: Dispose of container in accordance with licensed collector's sorting instructions.

Other Considerations: No further information.



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Section 14: Transport Information

	US DOT	EU Land Transport (ADR/RID/AND)	Sea Transport (IMDG)	Air Transport (ICAO/IATA)
UN Number:	Not regulated	Not regulated	Not regulated	Not regulated
UN Proper Shipping Name:	Not regulated	Not regulated	Not regulated	Not regulated
Transport Hazard Class(es):	Not applicable	Not applicable	Not applicable	Not applicable
Packing Group:	Not applicable	Not applicable	Not applicable	Not applicable
Environmental Hazards:	Not applicable	Not applicable	Not applicable	Not applicable
Special Precautions for User:	None	None	None	None
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:	Not applicable	Not applicable	Not applicable	Not applicable

Section 15: Regulatory Information

Workplace Safety and Health

Act Regulations: Not subject to requirements.

Fire Safety Act: Not subject to requirements.

Port Authority of Singapore: Not subject to requirements.

EPA: Not subject/regulated.

Australia AICS: Listed

Canada DSL: Listed

China IECSC: Listed

Japan ENCS: Listed

Korea KECI: Listed

New Zealand NZIoC: Listed

Philippines PICCS: Listed

CH INV: Listed

US TSCA: Listed

California Proposition 65: This product is not known to the State of California to cause cancer, birth defects or other reproductive harm.



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Section 16: Other Information

Indication of Changes: Version 3 created April 16, 2024

List of Relevant R-phrases

(number and full text): Not applicable

Legal Disclaimer: Since the user's working conditions are not known to us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

Lotioncrafter provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

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