

**1. PRODUCT AND COMPANY IDENTIFICATION**

Product Name: Dipropylene Glycol (DPG)

Description: Dipropylene Glycol (Low Odor Grade)

Product Code: RAW1425

Suggested Use: Solvent, Intermediate

Restrictions on Use: N/A

Supplier:

Telephone:

Fax:

Emergency Phone:

Distributed by

 ESSENTIALS BY  
**CATALINA**12781 Temescal Canyon Road,  
Corona, CA 92883  
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hello@essentialsbycatalina.com**2. HAZARDS IDENTIFICATION****Classification**

GHS Classification: Mild Skin Irritation (Category 3)  
Eye Irritation (Category 2B)

**GHS Label Elements**

Pictogram:



Signal Word:

Warning

Hazard Statements:

H315: Causes mild skin irritation  
H320: Causes eye irritation

Precautionary Statements:

P264: Wash hands thoroughly after handling.  
P280: Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P302+P350: IF ON SKIN: Gently wash with plenty of soap and water.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P332+P313: If skin irritation occurs: Get medical attention/advice.  
P337+P313: If eye irritation persists: Get medical attention/advice.  
P501: Dispose of contents and container in accordance with all local, regional, national, and international regulations.

HMIS Classification:

Health Hazard: 1  
Flammability: 1  
Physical Hazards: 0

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Version 1.0

NFPA Rating: Health Hazard: 1  
Fire: 1  
Reactivity Hazard: 0

## Potential Health Effects

Inhalation: May be harmful if inhaled. Avoid breathing vapors of heated liquid.  
Skin: May cause skin irritation.  
Eyes: Causes serious eye irritation. Avoid contact.  
Ingestion: May be irritating to the mouth, throat, and stomach. Do not ingest.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS Number</u>	<u>Concentration</u>
Dipropylene Glycol	25265-71-8	100%
Synonyms:	DPG; Oxybispropanol	

## 4. FIRST AID MEASURES

If Inhaled: If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician if symptoms are experienced.  
Skin Contact: Flush skin with plenty of water. Remove contaminated clothing and shoes. If irritation persists, consult a physician.  
Eye Contact: Flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if able to do so. Immediately call a doctor or physician.  
If Ingested: Do not induce vomiting unless instructed to do so by a physician. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

## 5. FIREFIGHTING MEASURES

Flammability Overview: Considered a low flammability risk. May burn in fires.  
Flash Point: 138°C (280°F)  
Extinguishing Media: Use water-spray, alcohol-resistant foam, dry chemical, or carbon dioxide. Tailor extinguishing media to surrounding fire. Avoid use of water jet.  
Special Protective Equipment for Firefighters: Wear a self-contained breathing apparatus (SCBA) for fighting large fires.  
Hazardous Combustion Products: Mostly Carbon Oxides.

## 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment. Avoid breathing vapors, mist, or gas. Always ensure adequate ventilation. No action should be taken involving any personal risk or without suitable training. Evacuate unnecessary and unprotected personnel to safe areas away from the spill.

# SAFETY DATA SHEET

Version 1.0

**Environmental Precautions:** If safe to do so, avoid the dispersal of spilled material and contact with soil, waterways, drains, and sewers. Inform the relevant authorities if the product has caused environmental pollution. This material may be harmful to the environment if released in large quantities. Collect spillage.

**Containment and Clean Up:** If safe to do so, stop the leak or spill. Move containers away from the spill area. Prevent entry into sewers, water courses, basements, and confined areas. Wash spillage into an effluent treatment plant or proceed as follows. Contain and collect spilled material with non-combustible, absorbent material and place in a container for disposal according to local regulations. Dispose via a licensed waste disposal contractor. Contaminated absorbent material may pose the same physical hazards as the spilled product. If assistance is needed call CHEMTREC or emergency services.

## 7. HANDLING AND STORAGE

**Safe Handling:** Use appropriate personal protective equipment. Handle in a well-ventilated area. Handle in a manner consistent with good industrial/manufacturing techniques and practices. Wash hands thoroughly with soap and water after use. Remove contaminated clothing and protective equipment before entering eating areas.

**Safe Storage:** Keep containers tightly closed in a cool, dry, well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store away from incompatible materials.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Limits

Component	CAS Number	Exposure Limit	Basis
N/A	N/A	N/A	N/A

### Personal Protective Equipment

**Eye Protection:** Tightly fitting safety goggles or safety glasses should be sufficient. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH. Have eye-wash stations available where eye contact can occur.

**Hand Protection:** Handle with chemical-resistant gloves. Gloves must be inspected prior to use. Dispose of contaminated gloves. Wash and dry hands after use.

**Skin Protection:** Wear long sleeves, a chemical apron, or other protective clothing to prevent skin contact. Safety showers should be located in the areas where skin contact can occur.

**Respiratory Protection:** Always ensure adequate ventilation. Where risk assessment shows air-purifying respirators are appropriate, use a NIOSH-approved full-face respirator with appropriate cartridges. Respiratory protection must be provided in accordance with OSHA 29 CFR 1910.134.

**General Controls:** Always ensure adequate ventilation and that working areas contain safety showers and eye wash stations. Handle material in accordance with good industrial hygiene and safety practices.

# SAFETY DATA SHEET

Version 1.0

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Appearance:	Clear
Odor:	None
Odor Threshold:	N/A
pH (1%):	N/A
Melting/Freezing Point:	<0°C (32°F)
Boiling Point:	230°C (446°F)
Flash Point:	138°C (280°F)
Evaporation Rate:	N/A
Flammability (solid, gas):	N/A
Flammability/Explosion Limits:	2.9-12.6 % vol
Vapor Pressure @ 20°C:	<0.1 mmHg
Vapor Density:	5 (air=1)
Specific Gravity:	1.02
Density:	8.50 lbs/gal
Solubility in Water:	Miscible
Partition Coefficient:	N/A
Autoignition Temperature:	310°C (590°F)
Decomposition Temperature:	N/A
Viscosity:	<200 cPs

## 10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under recommended storage conditions.
Conditions and Materials to Avoid:	Strong oxidizing agents.
Hazardous Decomposition Products:	In fire conditions: Mostly Carbon Oxides.

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

Component	CAS Number	Test	Toxicity
Dipropylene Glycol	25265-71-8	Oral LD50 (Rat)	>10,000 mg/kg
		Dermal LD50 (Rabbit)	>10,000 mg/kg
		Inhalation LC50	No specific data available

### Potential Health Effects

Inhalation:	May be harmful if inhaled. Avoid breathing vapors of heated liquid.
Skin:	May cause skin irritation.
Eyes:	Causes serious eye irritation. Avoid contact.
Ingestion:	May be irritating to the mouth, throat, and stomach. Do not ingest.

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Version 1.0

Signs and Symptoms of Exposure: Irritation. Redness. Watering Eyes.

Chronic Effects of Long-term Exposure: No known significant effects or critical hazards.

Carcinogenicity: No component of this product at levels greater than 0.1% is identified as carcinogenic by IARC, NTP, ACGIH, or OSHA.

Mutagenicity: No known significant effects or critical hazards.

## 12. ECOLOGICAL INFORMATION

### Acute Ecotoxicity

Component	CAS Number	Organism	Ecotoxicity
Dipropylene Glycol	25265-71-8	Fish	96 hr LC50 >1000 mg/l

Persistence and Degradability: No specific data available.

Bioaccumulation Potential: Not expected to bioaccumulate.

Mobility in Soil: No specific data available.

Other Adverse Effects: This product is not expected to be a threat to the aquatic environment.

## 13. DISPOSAL CONSIDERATIONS

Disposal: The generation of waste should be avoided or minimized wherever possible. Material should be disposed of in accordance with all local, state, and federal regulations. Regulations vary by region. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers.

Contaminated Packaging: Waste packaging should be recycled or reused whenever possible. If recycling is not feasible, contaminated packaging should be disposed of in accordance with all local, state, and federal regulations. Regulations vary by region.

## 14. TRANSPORT INFORMATION

### DOT Information

Proper Shipping Name: N/A

UN Number: N/A

Hazard Class: N/A

Packing Group: N/A

Reportable Quantity (RQ): N/A

Marine Pollutant: No

Note: Not regulated for ground transport.

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**15. REGULATORY INFORMATION****US Federal**

SARA 302 Components:	None Listed
SARA 311/312 Hazards:	Acute Health Hazard
SARA 313 Components:	None Listed

TSCA Inventory:	All components listed or exempted.
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**European Union**

EC Inventory:	246-770-3
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**State Regulations**

CA Prop 65:	None Listed
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**16. OTHER INFORMATION**

SDS Version:	1.0
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The information contained in this document was carefully compiled and is believed to be accurate. The information represents the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. However, it does not represent any guarantee of the properties of the product. The Supplier shall not be held liable for any damages resulting from handling or from contact with the above product. It is the responsibility of the purchaser to determine the suitability of the product for their particular purposes. Nothing contained herein shall be construed to be a recommendation to use, or as a license to operate under, or to infringe any existing patents.

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