

Safety Data Sheet

Dipropylene Glycol

SECTION I - IDENTIFICATION



Transchem, Inc.
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Carlsbad, CA 92011
(800) 783-2436
Chemtel Emergency Response :. (800) 255-3924

PRODUCT NUMBER: DPG
PRODUCT NAME: Dipropylene Glycol
CHEMICAL FAMILY:
CAS NUMBER: 25265-71-8
DATE PREPARED: 10/17/2012
REVISION NUMBER: 6/10/2014

SECTION II - HAZARDOUS IDENTIFICATION

GHS CLASSIFICATION:

Classification

Not a Hazardous Substance or Mixture

No Hazards

GHS LABEL:

Hazard Statements

NC Not a Hazardous Substance or Mixture

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Precautionary Statements

NC Not a Hazardous Substance or Mixture

SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS

The precise composition of this product is proprietary information. In the event of a medical emergency, a complete disclosure will be provided to medical personnel.

Component Name	CAS #	Component%	OSHA PEL	ACGIH TLV
Dipropylene Glycol	25265-71-8	99	Not Established	Not Established

SECTION IV - FIRST AID MEASURES

Contact with eyes: Flush with water for 15 minutes. Seek immediate medical attention.

Skin contact: Wash exposed areas with water and mild soap. Remove contaminated clothing immediately and launder before reuse. If irritations persist, seek immediate medical attention.

Inhalation: Remove victim to fresh air. Administer oxygen or artificial respiration if breathing is affected or stopped. Seek immediate medical attention if symptoms persist.

Ingestion: If swallowed. Do not induce vomiting. Seek immediate medical attention.

SECTION V - FIREFIGHTING MEASURES

Suitable Extinguishing Media: Water fog, foam, CO₂, dry chemical.

Special Fire Fighting Procedures Use self-contained breathing apparatus and full bunker gear in fire areas. Evacuate all unprotected personnel from area. Keep containers cool with water fog to minimize swelling taking care not to spread flames with water used for cooling.

Unusual Fire Fighting Hazards: Carbon Oxides.

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SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Precautions: Do not breathe fumes. Ensure free supply of fresh air in closed rooms.

Environmental Precautions: Prevent liquid from entering drains, sewers, waterways, ground and surface water or soil.

Methods for Cleaning Up: Absorb spills with the use of a solid absorber (e.g. dry sand, diatomaceous earth).

SECTION VII - HANDLING AND STORAGE

Handling and Storage:

- Indoor storage must meet OSHA standards and fire codes.
- Keep container tightly closed and in a well-ventilated place. Keep away from heat, sparks, and open flame.
- Follow work safety regulations in place.

SECTION VIII - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

EXPOSURE LIMITS:

Component Name	CAS #	OSHA PEL	ACGIH TLV
Dipropylene Glycol	25265-71-8	Not Established	Not Established

Engineering Controls: Local exhaust should be adequate. Mechanical ventilation otherwise recommended if necessary. Emergency eye wash and shower stations.

Monitoring: Observe good industrial hygiene practices.

Personal Protective Equipment (PPE)

Eye Protection: Goggles or approved OSHA device with side shields; do not wear contact lenses when handling this product.

Skin Protection: Impervious solvent resistant gloves. Impervious apron and work boots recommend where splashing may occur.

Respiratory Protection: Follow the OSHA respirator regulations found in 29 CFR 1910.134

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SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Odor	None reported
pH@25°C	-
Melting/Freezing Point	-20°C
Flashpoint	130°C
Specific Gravity	1.020
Solubility	Miscible
Auto-Ignition Temperature	332°C
Decomposition Temperature	-
VOC Content	-
Odor Threshold	-
Boiling Range	229°C
Evaporation Point	-
Flammable Limits - Upper	-
Flammable Limits - Lower	-
Vapor Pressure	0.0
Vapor Density (Air=1)	5.37
Viscosity	-

SECTION X - STABILITY AND REACTIVITY

Stability: Stable, under normal conditions of storage and handling.

Conditions to Avoid: None at ambient temperatures.

Hazardous Decomposition/Byproducts: CO and CO₂

Hazardous Polymerization: Will not occur.

Polymerization Conditions to Avoid: None

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SECTION XI - TOXICOLOGICAL INFORMATION

Likely Route of Exposure: Contact and inhalation; ingestion possible.

Inhalation: None Known

Eye Contact: None known

Skin Contact: None Known

Ingestion: None Known

Toxicity:

Component Name	LD50	LC50
Dipropylene Glycol	LD50 (Dermal) Rabbit > 20,460 mg/kg; LD50 (Oral) Rat 14,850	Inhalation - rat - male and female - 4 h - > 2.34 mg/l
Dipropylene Glycol	Oral, rat: LD50 = 14850 mg/kg; Skin, rabbit: LD50 = >20 mL/kg	Inhalation, rat: 2.34 mg/l

Reproductive Effects	Teratogenicity	Mutagenicity	Embryotoxicity	Sensitization to Product	Synergistic Products
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

SECTION XII - ECOLOGICAL INFORMATION

Ecotoxicity: Information not available.

Mobility: Information not available.

Degradability: Readily biodegradable

BioAccumulation: Information not available.

SECTION XIII - WASTE DISPOSAL CONSIDERATIONS

Dispose of in a RCRA licensed facility.

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SECTION XIV - TRANSPORT INFORMATION

DOT SHIPPING INFORMATION

Proper Shipping Name: Not DOT Regulated

Contains:

Hazard Class and Label:

Identification Number:

Packaging Group:

SECTION XV - REGULATORY INFORMATION

TSCA STATUS:..... CAS# 25265-71-8 is listed on the TSCA inventory.

SARA TITLE III SECTION 302/304 EXTREMELY HAZARDOUS SUBSTANCE:

No chemicals in this material are subject to the reporting requirements.

SARA TITLE III SECTION 311/312 HAZARD CATEGORIZATION:

Acute	Chronic	Fire	Pressure	Reactive
N/A	X	N/A	N/A	N/A

SARA TITLE III SECTION 313 SUPPLIER INFORMATION:

No chemicals in this material are subject to the reporting requirements.

CERCLA SECTION 102(a) HAZARDOUS SUBSTANCE:

No chemicals in this material are subject to the reporting requirements.

SECTION XVI - OTHER INFORMATION

HMIS Health: 1

HMIS Flammability: 1

HMIS Reactivity: 1

Additional:

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Specification Information

Department issuing data sheet: Compliance

Email address: compliance@transcheminc.com

Training necessary: Follow all Federal, State and local regulations.

Disclaimer:

Seller and manufacturer disclaim any implied or expressed warranties, including warranties of merchantability or fitness of this product for any particular purpose. In no event shall seller be liable for any claim for incidental or consequential damages arising out of or in connection with the sale, delivery, transportation or use of this product. Seller's and manufacturer's liability in all events is limited to, and shall not exceed the purchase price paid for this product.