

Safety Data Sheet

Glycol Ether DPM

SECTION I - IDENTIFICATION



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

Product Number DPM
Product Name Glycol Ether DPM
Chemical Family
CAS Number 34590-94-8
Date Prepared 6/9/1994
Revision Number 5/29/2014

SECTION II - HAZARDOUS IDENTIFICATION

GHS CLASSIFICATION:

Classification

Flammable Liquids

Category 4

Specific target organ toxicity, single exposure, R

Category 3

WARNING!

GHS LABEL:



Hazard Statements

H227 Combustible liquid

H335 May cause respiratory irritation

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Precautionary Statements

P210	Keep away from heat/sparks/open flames/hot surface - No smoking.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312	Call a POISON CENTER or a doctor/physician if you feel unwell.
P370+378	In case of fire: Use dry sand, dry chemical, or alcohol-resistant foam for extinction.
P403+233	Store in a well ventilated place. Keep container tightly closed.
P403+235	Store in a well ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to an approved waste disposal plant.

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 Methyl Ether	34590-94-8	100%	100 ppm	100 ppm

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. Seek immediate medical attention. Do not induce vomiting unless instructed to do so by medical personnel or a poison control center. Give large quantities of water. Never give anything by mouth to an unconscious person.

SECTION V - FIREFIGHTING MEASURES

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

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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: Product is flammable and may be ignited by heat, sparks, flames or other sources of ignition (e.g., static electricity, pilot lights or mechanical/electrical equipment). Vapors are heavier than air and may accumulate in low areas. Vapors may travel considerable distances to a source of ignition where they can ignite, flashback or explode. May create vapor/air explosion hazard indoors, outdoors or in sewers. If container is not properly cooled, it can explode in the heat of a fire.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Precautions: Keep all sources of ignition and hot metal surfaces away from spill or release.

Evacuate all unprotected personnel from the area.

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

Contain spill if it can be done with minimal risk.

Notify proper authorities.

Methods for Cleaning Up: Use foam on spills to minimize vapors.

Using only non-sparking tools and explosion proof equipment, collect spill on absorbent material and put into approved container.

SECTION VII - HANDLING AND STORAGE

- Handling and Storage:**
- Vent container carefully before opening.
 - Bond and ground all equipment when transferring from one vessel to another. The use of explosion-proof equipment is recommended.
 - "Empty" containers retain residue and/or vapor and may be dangerous. Do not cut, weld, braze solder, drill, grind or expose such containers to heat, flames, sparks, or other ignition sources.
 - Keep containers tightly closed when not in use.
 - Avoid prolonged breathing of mist or vapor. Wash thoroughly after handling.
 - NFPA Class III A storage.

SECTION VIII - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

EXPOSURE LIMITS:

Component Name	CAS #	OSHA PEL	ACGIH TLV
Dipropylene Glycol Methyl Ether	34590-94-8	100 ppm	100 ppm

Engineering Controls: Adequate local or mechanical ventilation to reduce vapor or mist to below the PEL or TLV.

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Monitoring: Follow accepted work practices for handling a flammable material.

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: Use the proper respirator in areas where the chemical exposure is unknown or above the OSHA PEL or ACGIH TLV.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear, Colorless Liquid
Odor	Characteristic Ether Odor
pH@25°C	-
Melting/Freezing Point	-
Flashpoint	167°F, TCC
Specific Gravity	0.95
Solubility	Complete
Auto-Ignition Temperature	-
Decomposition Temperature	-
VOC Content	100% (7.91/gal)
Odor Threshold	-
Boiling Range	356°F
Evaporation Point	<<1.0 (Butyl Acetate=1)
Flammable Limits - Upper	Not Established
Flammable Limits - Lower	Not Established
Vapor Pressure	0.4mmHg @ 25°C
Vapor Density (Air=1)	5.1 (Air=1)
Viscosity	-

SECTION X - STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: Extreme heat and ignition sources.

Hazardous Decomposition/Byproducts: Oxides of carbon and nitrogen under incomplete combustion conditions.

Hazardous Polymerization: Will not occur.

Polymerization Conditions to Avoid: None

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Incompatibilities: Strong oxidizers

SECTION XI - TOXICOLOGICAL INFORMATION

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

Inhalation: None Known

Eye Contact: Causes eye irritation including stinging, watering and redness which may result in corneal injury.

Skin Contact: No harmful effects from skin adsorption are expected.

Ingestion: Aspiration hazard. Can enter the lungs during swallowing or vomiting and cause chemical pneumonia and edema.

Toxicity:

Component Name	LD50	LC50
Dipropylene Glycol Methyl Ether	Oral - Rat - 5,152 mg/kg	Not Established

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: Information not available.

BioAccumulation: Information not available.

SECTION XIII - WASTE DISPOSAL CONSIDERATIONS

Follow Federal, state, and local regulations.

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SECTION XIV - TRANSPORT INFORMATION

DOT SHIPPING INFORMATION

Proper Shipping Name: Combustible Liquid, N.O.S.

Contains: Glycol Ether DPM

Hazard Class and Label: 3

Identification Number: NA 1993

Packaging Group: III

*According to CFR 173.150 - Glycol Ether DPM is Not classified as a Hazardous substance in containers less than 119 Gallons.

SECTION XV - REGULATORY INFORMATION

TSCA STATUS:..... The components of this product are 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

SARA TITLE III SECTION 313 SUPPLIER INFORMATION:

Component Name	CAS #	% by wt.
Glycol Ether	Not Available	100%

CERCLA SECTION 102(a) HAZARDOUS SUBSTANCE:

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

CALIFORNIA PROPOSITION 65:

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

SECTION XVI - OTHER INFORMATION

HMIS Health: 1

HMIS Flammability: 2

HMIS Reactivity: 0

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.