

Safety Data Sheet

Glycol Ether DE

SECTION I - IDENTIFICATION



Transchem, Inc.
2141 Palomar Airport Rd. Suite 125
Carlsbad, CA 92011
(800) 783-2436
Chemtel Emergency Response :. (800) 255-3924

Product Number DE
Product Name Glycol Ether DE
Chemical Family
CAS Number 111-90-0
Date Prepared 7/18/2008
Revision Number 2/27/2015

SECTION II - HAZARDOUS IDENTIFICATION

GHS CLASSIFICATION:

Classification

Flammable Liquids

Category 4

WARNING!

GHS LABEL:

Hazard Statements

H227 Combustible liquid

Safety Data Sheet

Glycol Ether DE

Precautionary Statements

- P210 Keep away from heat/sparks/open flames/hot surface - No smoking.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P370+378 In case of fire: Use dry sand, dry chemical, or alcohol-resistant foam for extinction.
- P403+235 Store in a well ventilated place. Keep cool.
- 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
Diethylene Glycol Ethyl Ether	111-90-0	>=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. Seek immediate medical attention. Do not induce vomiting unless instructed to do so by medical personnel or a poison control center.

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: No unusual fire hazards known. Combustible liquid.

Safety Data Sheet

Glycol Ether DE

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: Contain spill if it can be done with minimal risk. Prevent liquid from entering drains, sewers or waterways. Notify proper authorities.

Methods for Cleaning Up: 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:

- "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.

SECTION VIII - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

EXPOSURE LIMITS:

Component Name	CAS #	OSHA PEL	ACGIH TLV
Diethylene Glycol Ethyl Ether	111-90-0	Not Established	Not Established

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

Monitoring: Follow accepted work and hygiene practices for handling combustible product.

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 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.

Safety Data Sheet
Glycol Ether DE

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Viscous liquid. Colorless
Odor	Sweet Odor
pH@25°C	Not Applicable
Melting/Freezing Point	-104.8°F
Flashpoint	195.8°F
Specific Gravity	0.991 @ 20°C
Solubility	100%
Auto-Ignition Temperature	399.2 °F
Decomposition Temperature	No Data
VOC Content	No Data
Odor Threshold	
Boiling Range	388.4 °F
Evaporation Point	0.013 (butyl acetate = 1)
Flammable Limits - Upper	No Data
Flammable Limits - Lower	No Data
Vapor Pressure	0.1 mm Hg @ 68°F
Vapor Density (Air=1)	No Data
Viscosity	3.85 mPas

SECTION X - STABILITY AND REACTIVITY

Stability:	Stable
Conditions to Avoid:	Extreme heat and ignition sources. Sparks, fire, and extreme temperatures. Acids.
Hazardous Decomposition/Byproducts:	CO and CO2
Hazardous Polymerization:	Will not occur.
Polymerization Conditions to Avoid:	None
Incompatibilities:	Strong acids and bases, strong oxidizers

Safety Data Sheet

Glycol Ether DE

SECTION XI - TOXICOLOGICAL INFORMATION

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

Inhalation: Low to moderate degree of toxicity by inhalation.

Eye Contact: This material can cause significant eye irritation.

Skin Contact: Contact may cause mild skin irritation including redness, burning and drying/cracking of the skin.

Ingestion: Low degree of toxicity by ingestion.

Toxicity:

Component Name	LD50	LC50
Diethylene Glycol Ethyl Ether	Oral - rat - 10,502 mg/kg; Dermal - rabbit - 9,143 mg/kg	Inhalation - rat - > 200 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: Information not available.

BioAccumulation: Information not available.

SECTION XIII - WASTE DISPOSAL CONSIDERATIONS

Follow Federal, state, and local regulations.

Safety Data Sheet

Glycol Ether DE

SECTION XIV - TRANSPORT INFORMATION

DOT SHIPPING INFORMATION

Proper Shipping Name: Combustible liquid, n.o.s.
Contains: Diethylene Glycol Monoethyl Ether
Hazard Class and Label: 3
Identification Number: NA 1993
Packaging Group: PGIII

*According to CFR 173.155 - Glycol Ether DE 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
X	X	X		

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.

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:

Safety Data Sheet

Glycol Ether DE

Specification Information

Department issuing data sheet: Compliance

Email address: compliance@transcheminc.com

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

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