



MATERIAL SAFETY DATA SHEET

2522 Plantation Center Drive
Matthews, NC 28105
(704) 845 9440

www.ciscochem.com

1. PRODUCT NAME: Glycol Ether DE
2. CHEMICAL NAME: Diethylene Glycol Monoethyl Ether
3. SYNONYMS:
4. CAS NUMBER: 111-90-0
5. COMPOSITION: Diethylene Glycol Monoethyl Ether (111-90-0)
100%

**IN CASE OF
TRANSPORT EMERGENCY
CONTACT CHEMTREC
USA: 1-800-424-9300
INTERNATIONAL: 1-703-527-3887**

6. PROPERTIES: APPEARANCE AND ODOR: Colorless, slightly
VISCIOUS, HYGROSCOPIC LIQUID: Mild, Pleasant odor
BOILING POINT: 396 F/202 C
MELTING POINT: -120 F/-85 C
VAPOR PRESSURE (MM Hg/70 F): 0.098
VAPOR DENSITY (Air=1): 4.6
SPECIFIC GRAVITY: 1.0
EVAPORATION RATE AND REF: >100 /BUACET=1/
SOLUBILITY IN WATER: Miscible
FLASH POINT: 201 F/94 C
STABILITY: Yes
COND TO AVOID (STABILITY): Heating to Boiling PT-202C-TOXIC & COMB VAPOR IS EMITTED
MATERIALS TO AVOID: Strong oxidizers
HAZARDOUS DECOMP PRODUCTS: Toxic oxides of Carbon
HAZARDOUS POLY OCCUR: No

7. HAZARDS: HEALTH HAZARD DATA
SIGNS/SYMPTOMS OF OVEREXP: Eye-Irritant/Narcotic; Poss Transient Dermatitis, Kidney Damage.
Inhale-Irritant/Narcotic, Conjunctives, Respiratory Tract irritant, Pulmonary Edema; Severe Lung, Liver &
Kidney Damage. Ingestion may cause Vomiting, Dizziness, Gastrointestinal irritant, Depression, Ataxia,
Pneumonia; Kidney Damage.
MED. COND. AGGRAVATED BY EXP: Chronic Respiratory or Kidney Disease.
EMERGENCY/FIRST AID PROC.: Eye-Flush with water for 15 minutes; Get Medical attention. Skin
Remove Contaminated Clothing/Shoes; Wash affected area with soap & water; Get immediately medical
attention. Inhalation – Get to Fresh Air; Give Artif Respirator if needed; Get immediate medical attention.
Ingestion – If conc., give 2-4 glasses water; induce vomiting; Get immediate medical attention.

8. FIRE FIGHTING INFORMATION: FLASH POINT: 201 F/94 C
FLASH POINT METHOD: CC
LOWER EXPLOSIVE LIMIT: 1.2
UPPER EXPLOSIVE LIMIT: 23.5
EXTINGUISHING MEDIA: Dry Chemical, Carbon Dioxide, Water Spray
SPECIAL FIRE FIGHTING PROC: MOVE CONTNR FM FIRE AREA IF POSS. WEAR PERSNL
PROTECT EQUIP. DIKE FIRE CONTROL WATER FOR DISPOSAL. WATER MAY BE USED TO
DILUTE LIQ TO NON-FLAM MIXTURE.
USUAL FIRE AND EXPL HAZARDS: Avoid breathing Hazardous Vapors, mist or smoke

9. PERSONAL PROTECTION MEASURES: RESPIRATORY PROTECTION: Gas mask with organic van canister; supplied air respirator; self-con-
tained breath apparatus for firefight: Self-contained breath apparatus with/full face-piece in pressure-de-
mand/other pos-pressure mode.



Carolina International Sales Co., Inc

MATERIAL SAFETY DATA SHEET

2522 Plantation Center Drive
Matthews, NC 28105
(704) 845 9440

www.ciscochem.com

VENTILATION: General dilution vent
PROTECTIVE GLOVES: Nitrile Rubber; PVC Plastic
Eye Protection: Splash proof SAF. Goggles with face-shield
OTHER PROTECTIVE EQUIPMENT: Eye wash fountain

10. FIRST AID PROCEDURES: Skin: Remove & isolate contaminated clothing, including shoes. Flush body with plenty of water for at least 20 minutes. Wash skin with soap and water. Keep victim warm and quiet.
Eyes: Flush eyes with water for 15 minutes. Hold eyelids open while washing.
Ingested: Do not induce vomiting. Seek medical assistance.
Inhalation: Move victim to fresh air. If not breathing give artificial respiration. If breathing of victim is difficult administer oxygen for a maximum period of one hour.

11. EXPOSURE LIMITS:

12. TOXICOLOGICAL INFORMATION: Eye-irritant. Skin irritant/Narcotic; Poss Transient Dermatitis, Kidney Damage. Inhale-Irritant/Narcotic, conjunctivitis, Respiratory tract irritant, Pulmonary Edema; Severe, Lung, Liver & Kidney Damage. Ingestion-may cause vomiting, dizziness, gastrointestinal irritant, Depression, Ataxia, Pneumonia; Kidney.

13. ECOLOGICAL INFORMATION: No ecological problems are expected when the product is handled and used with due care.

14. DISPOSAL CONSIDERATIONS: LANDFILL BAN ITEM: Yes
DISPOSAL SUPPLEMENTAL DATA: In case of accidental exposure or discharge, consult health and safety file for precautions.
1st EPA HAZ. WST. NAME NEW: Not regulated
1ST EPA HAZ. WST CHAR NEW: Not regulated by RCRA
1ST EPA ACUTE HAZARD NEW: No

15. CARCINOGENIC PROPERTIES & NOTIFICATIONS:

16. TRANSPORT INFORMATION: This material not regulated

17. HANDLING & STORAGE: Separation of at least 3M from the following classes is recommended.
Corrosives
Fire separation of at least 5M or 4Hr fire resistant wall from the following classes is recommended.
Flammable Gases Flammable Solids, Spontaneously Combustibles Dangerous When Wet, Poison
Storage in the same room or space is prohibited with the following classes:
The rooms or spaces should be at least 10M apart. Explosives Poisonous Gases, Oxidizing Agents Organic Peroxides, Radioactive

18. ACCIDENTAL RELEASE MEASURES: Wear personal protection equipment. SML SPL – Take up with sand and other absorb material – place in clean, dry containers for disposal. Isolate hazard area, deny entry. Keep out of sewers & water sources.



MATERIAL SAFETY DATA SHEET

2522 Plantation Center Drive
Matthews, NC 28105
(704) 845 9440

www.ciscochem.com

19. REGULATORY
INFORMATION:



MATERIAL SAFETY DATA SHEET

2522 Plantation Center Drive
Matthews, NC 28105
(704) 845 9440

www.ciscochem.com



MATERIAL SAFETY DATA SHEET

2522 Plantation Center Drive
Matthews, NC 28105
(704) 845 9440

www.ciscochem.com



MATERIAL SAFETY DATA SHEET

2522 Plantation Center Drive
Matthews, NC 28105
(704) 845 9440

www.ciscochem.com
