

# SAFETY DATA SHEET

## SECTION 1 - COMPANY AND PRODUCT IDENTIFICATION

### PRODUCT

**Product Name:** GLYCOL ETHER EPH  
**Control Number:** 000185  
**Product Description:** Glycol Phenyl Ether

### COMPANY IDENTIFICATION

**Supplier:** Chemical Distribution Solutions  
1125 Oak St. Ste. 303  
Conway, AR 72032

**24 Hour Emergency Telephone:** (800) 424-9300 CHEMTREC  
**General Information:** (501) 978-1111

## SECTION 2- HAZARDS IDENTIFICATION

### GHS Classification:

#### [ Health ]

Acute toxicity, Oral Category 4  
Eye irritation Category 2A

#### [ Environmental ]

#### [ Physical ]

### GHS Label elements, including precautionary statements

#### Pictograms



**Signal Word:** Warning

#### Hazard statement(s)

H302 Harmful if swallowed.  
H319 Causes serious eye irritation.

#### Precautionary statement(s)

P264 Wash skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P280 Wear protective gloves/ eye protection/ face protection.  
P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P330 Rinse mouth.  
P337 + P313 If eye irritation persists: Get medical advice/ attention.

## SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS Number	%WT
2-Phenoxyethanol	122-99-6	100

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## SECTION 4 - FIRST AID MEASURES

**Eyes:** Flush eyes with plenty of water. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.

**Skin:** Flush contact area with water. Wash off with soap and plenty of water. Get medical attention if symptoms occur.

**Inhalation:** Move exposed person to fresh air. If not breathing provide artificial respiration. Get medical attention if symptoms occur.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.

## SECTION 5 - FIRE FIGHTING MEASURES

**Extinguishing Media:** To extinguish flames use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Fire Fighting Procedures:** Cool exposed containers with water spray. Wear self-contained breathing apparatus (SCBA) operated in pressure demand mode and full bunker firefighter's protective clothing.

**Fire and Explosion Hazards:** Containers can rupture and explode under fire conditions due to pressure and vapor buildup.

## SECTION 6 - ACCIDENTAL RELEASE and DISPOSAL MEASURES

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

Do not let product enter drains.

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

## SECTION 7 - STORAGE AND HANDLING

**Handling and Storage:** Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist.

**Other Precautions:** Keep in the original container, kept tightly closed when not in use

## SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Engineering Controls:** Provide ventilation or other engineering controls to keep the airborne concentrations of vapor or mists below the applicable workplace exposure limits indicated below. The level of protection and types of controls will vary depending upon potential exposure conditions.

**Exposure Limits:** Ethylene glycol monophenyl ether Contains no substances with occupational exposure limit values.

### Personal Protective Equipment (PPE):

**Eyes** Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.

**Skin:** If Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product **Clothing:** Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

**Respirators:** Where adequate ventilation is not available an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of OSHA Respiratory Protection Standard, 29 CFR 1920.134. In confined areas, use a self-contained breathing apparatus.

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## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Flash Point: 250 °F	Flammability Limits: Lower: 1.4 Upper: 9
Autoignition Temperature: 493 °F	Specific Gravity: 1.102
Boiling Point: 477 °F	Volatile %: No available data
Melting Point: 52-55 °F	Evaporation Rate (BuAc=1): No available data
Vapor Pressure: No available data	pH: 7 at 10 g/l
Vapor Density (Air-1): 4.8	Solubility in Water: No available data
Odor/Appearance: Clear colorless liquid with mild odor.	

## SECTION 10 - STABILITY AND REACTIVITY

**Chemical Stability:** Stable under normal use and temperature conditions.  
**Conditions to Avoid:** No available data.  
**Materials to Avoid:** Strong oxidizers.  
**Decomposition Products:** When combusted, oxides of carbon and various hydrocarbons.

## SECTION 11 - TOXICOLOGICAL INFORMATION

### Signs and Symptoms of Overexposure:

**Skin:** Contact can cause redness, irritation and drying. Severity depends on the amount and duration of exposure.  
**Eyes:** Vapors may be irritating to the eyes. Liquid contact will cause stinging and tearing.  
**Inhalation:** Excessive inhalation of high concentrations may be harmful. Mist or vapor can irritate the throat and lungs. Breathing this material may cause central nervous system depression.  
**Ingestion:** If swallowed this material may irritate the mucous membranes of the mouth throat and esophagus. Aspiration of this material into the lungs may result in damage or death.

### Acute oral toxicity:

LD50 rat: 1,260 mg/kg

### Acute inhalation toxicity:

LC50 mouse: No available data

### Acute dermal toxicity:

LD50 rat: 14,422 mg/kg

## SECTION 12 - ECOLOGICAL INFORMATION

**ECOTOXICITY:** Toxicity to fish LC50 - *Leuciscus idus* (Golden orfe) - > 100 mg/l - 96 h

**Bio-accumulative potential:** No published data available.

**Mobility:** No published data available

## SECTION 13 - DISPOSAL CONSIDERATIONS

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

## SECTION 14 - TRANSPORTATION

### U.S. DEPARTMENT OF TRANSPORTATION (Road or Rail):

**Proper Shipping Name:** Not a Controlled DOT Material

**Hazard Class:**

**UN Number:**

**Packaging Group:**

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## SECTION 15 - REGULATORY INFORMATION

### US FEDERAL REGULATIONS

#### **Comprehensive Environmental Response and Liability Act (CERCLA)**

This material is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

**SARA 302:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. The reportable quantity (RQ) for this material has no published data.

**Toxic Substance Control Act (TSCA):** All components of this product are listed on the TSCA inventory list.

#### **SARA Section 311/312 (40 CFR 370) Hazard Categories:**

Acute Health Hazard, Chronic Health Hazard

**SARA Section 313 (40 CFR 372) Hazard Categories:** This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**Clean Water Act:** None of the chemicals in this product are listed as Hazardous Substances under the CWA

**Clean Air Act:** None of the chemicals in this product are listed as Hazardous Substances under the CCA.

**California Prop 65:** This product contains no chemicals known by the State of California to cause cancer, birth defects or other reproductive harm.

## SECTION 16 - OTHER INFORMATION

**MSDS Revision Date:** December 2014

**National Fire Protection Association (NFPA) Ratings:** This information is intended solely for the use of individuals trained in the NFPA system.

**Health:** 2

**Flammability:** 1

**Reactivity:** 0

The data in this Safety Data Sheet relates to the specific material designated and does not relate to its use in combination with any other material or process. The data contained is believed to be correct. However, since conditions of use are outside our control it should not be taken as warranty or representation for which Chemical Distribution Solutions assumes legal responsibility. This information is provided solely for your consideration, investigation, and verification.