

# SAFETY DATA SHEET



Colonial Chemical Solutions, Inc

## SECTION 1 - COMPANY AND PRODUCT IDENTIFICATION

### PRODUCT

**Product Name:** GLYCOL ETHER EP

**Control Number:** 000184

**Product Description:** Glycol Ether

### COMPANY IDENTIFICATION

**Supplier:** COLONIAL CHEMICAL SOLUTIONS, INC.

916 West Lathrop Avenue

Savannah, Georgia 31415

**24 Hour Emergency Telephone:** (800)-424-9300 CHEMTREC

**General Information:** (912) 236-1331

## SECTION 2- HAZARDS IDENTIFICATION

### GHS Classification:

#### [ Health ]

Acute toxicity, Dermal Category 4

Eye irritation Category 2A

#### [ Environmental ]

#### [ Physical ]

Flammable liquids Category 3

### GHS Label elements, including precautionary statements

#### Pictograms



**Signal Word:** Warning

#### Hazard statement(s)

H226 Flammable liquid and vapor.

H312 Harmful in contact with skin.

H319 Causes serious eye irritation.

#### Precautionary statement(s)

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P233 Keep container tightly closed.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P264 Wash skin thoroughly after handling.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

## SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS Number	%WT
Ethylene glycol monopropyl ether	2807-30-9	100

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## SECTION 4 - FIRST AID MEASURES

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

**Skin:** Flush contaminated skin with 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. Remove all sources of ignition. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

Stop leak if without risk. Prevent entry into sewers or ground water. Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations

## 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 monopropyl 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: 135 °F	Flammability Limits: Lower: 1.3 Upper: 15.8
Autoignition Temperature: 455 °F	Specific Gravity: 0.912
Boiling Point: 302-307 °F	Volatile %: No available data
Melting/Freezing Point: -130 °F	Evaporation Rate (BuAc=1): 0.2
Vapor Pressure: 1.3 mm Hg	pH: No available data
Vapor Density (Air-1): No available data	Solubility in Water: No available data
Odor/Appearance: Clear colorless liquid with sweet odor.	

## SECTION 10 - STABILITY AND REACTIVITY

**Chemical Stability:** Stable under normal use and temperature conditions.  
**Conditions to Avoid:** Keep away from heat, flame and other potential ignition sources.  
**Materials to Avoid:** Strong acids, and oxidizers.  
**Decomposition Products:** When combusted, oxides of carbon and various hydrocarbons.  
**Hazardous Polymerization:** Will not occur under normal use and temperature conditions.

## 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: 3,089 mg/kg

### Acute inhalation toxicity:

LC50 mouse: 1530 ppm

### Acute dermal toxicity:

LD50 rabbit: 1,337 mg/kg

## SECTION 12 - ECOLOGICAL INFORMATION

**ECOTOXICITY:** Toxicity to fish static test LC50 - Pimephales promelas (fathead minnow) - > 5,000 mg/l - 96 h

**Bio-accumulative potential:** Bioaccumulation of this product is unlikely.

**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):

<b>Proper Shipping Name:</b>	Flammable liquids, n.o.s. (2-Propoxyethanol)
<b>Hazard Class:</b>	3
<b>UN Number:</b>	1993
<b>Packaging Group:</b>	3

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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:**

Fire Hazard, 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:** 2

**Reactivity:** 0

The information above is believed to be accurate and represents the best information currently available to us. However, Colonial Chemical Solutions makes no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Colonial be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Colonial has been advised of the possibility of such damages. The vendor assumes no responsibility for injury or damages resulting from the inappropriate alteration or manipulation of this MSDS and its contents from that originally submitted by Colonial.