

# SAFETY DATA SHEET



Colonial Chemical Solutions, Inc

## SECTION 1 - COMPANY AND PRODUCT IDENTIFICATION

### PRODUCT

**Product Name:** GLYCOL ETHER DPM

**Control Number:** 00181

**Product Description:** Isomeric Mixture

### 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 ]**

None

**[ Environmental ]**

None

**[ Physical ]**

Flammable liquids Category 4

### GHS Label elements, including precautionary statements

**Pictograms** NONE

**Signal Word:** Warning

### Hazard statement(s)

H227 Combustible liquid

### Precautionary statement(s)

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

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

P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

P403 + P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/ container to an approved waste disposal plant.

## SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS Number	%WT
Dipropylene glycol methyl ether	34590-94-8	100%

## SECTION 4 - FIRST AID MEASURES

**Eyes:** Flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.

**Skin:** Wash skin with soap and water. Seek medical attention if symptoms occur.

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

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

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## 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. Heated vapors may form explosive mixture with air.

## 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, water courses, basements or confined areas. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to regulations.

## SECTION 7 - STORAGE AND HANDLING

**Handling and Storage:** Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the buildup of electrostatic charge. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

## SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Engineering Controls:** Use explosion-proof ventilation equipment. 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:** Dipropylene glycol methyl ether 100 ppm ACGIH; 150 ppm OSHA

### 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.

## SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

**Flash Point:** 165 °F

**Autoignition Temperature:** 405 °F

**Boiling Point:** 374 °F

**Melting Point:** -117 °F

**Vapor Pressure:** < 1 mmHg

**Vapor Density (Air-1):** 5.1

**Odor/Appearance:** Clear liquid with ether like odor.

**Flammability Limits:** Lower: No data; Upper: No data

**Specific Gravity:** 0.94

**Volatile %:** No available data

**Evaporation Rate (BuAc=1):** 0.02

**pH:** No available data

**Solubility in Water:** Soluble

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## 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:** Non-irritating to the skin. However, very high exposures may cause skin injury or systemic toxicity.

**Inhalation:** Vapors may cause irritation of the eyes, nose and throat as well as CNS depression (fatigue, dizziness, loss of concentration, with collapse, coma and death possible in cases of severe overexposure). High vapor concentrations may be irritating to the upper respiratory tract.

**Eyes:** Non-irritating to the eyes.

**Ingestion:** This material may be a slight health hazard if ingested in large quantities. High doses may cause CNS depression (fatigue, dizziness and possibly loss of concentration, with collapse, coma and death in cases of severe overexposure).

### Acute oral toxicity:

LD50 rat: 5,152 mg/kg

### Acute inhalation toxicity:

No available data

### Acute dermal toxicity:

No available data

## SECTION 12 - ECOLOGICAL INFORMATION

**Ecotoxicity:** Toxicity to fish LC50 - Pimephales promelas (fathead minnow) - > 10,000 mg/l - 96 h

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

**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:** Combustible liquid, n.o.s. (DIPROPYLENE GLYCOL METHYL ETHER)

**Hazard Class:** None

**NA Number:** 1993

**Packaging Group:** 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,

#### **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 CAA.

**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:** 1

**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.