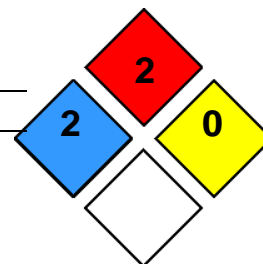


Colonial Chemical Solutions, Inc.



## Material Safety Data Sheet – Glycol Ether EB



### SECTION I - PRODUCT IDENTIFICATION

**CHEMTREC – 24HR Emergency Telephone 1-800-424-9300**

**Manufacturers Address:**  
916 West Lathrop Avenue  
Savannah, Georgia 31415

**Information Phone:** (912) 443-6702  
**Date Prepared:** 19 Sept 08  
**Preparer:** F.Spaeth

Synonym: Glycol butyl ether  
Chemical Family: Glycol Ethers

#### NFPA Rating

0- Minimal 1- Slight 2- Moderate  
3- Serious 4- Extreme

### SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS Number	%WT	TLV	PEL
Ethylene Glycol Monobutyl Ether	111-76-2	100	20 ppm	50 ppm

### SECTION III - HAZARDOUS IDENTIFICATION

**Potential Acute Health Effects:** Inhalation of vapors may cause central nervous system depression.

Eye and skin irritant

**Potential Chronic Health Effects:** Delayed Health Hazard, Fire Hazard.

### SECTION IV - PHYSICAL and CHEMICAL PROPERTIES

**Boiling Point Range:** 336 °F

**pH:** No data available.

**Solubility In Water:** Miscible

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

**Melting Point/Freezing Point:** -94 °F

**Vapor Density (Air=1):** 4.1

**Vapor Pressure (mmHg):** 1.0

**VOC %:** N/E

**Specific Gravity (H<sub>2</sub>O=1):** 0.90

### SECTION V - FIRE FIGHTING MEASURES

**Flash Point:** 162 °F

**Auto Ignition:** 471 °F

**Extinguishing Media:** CO<sub>2</sub>, dry chemical, or alcohol compatible foam is recommended.

**Flammable Limits:** Lower: 1.1 Upper: 10.5

**Fire Fighting Procedures:** Cool fire-exposed containers with water spray, fog or dry chemical to prevent container weakening and possible rupture. Do not enter confined spaces without self-contained breathing apparatus (SCBA) and structural firefighter's protective clothing.

**Unusual Fire and Explosion Hazards:** Vapors are flammable and heavier than air. Vapors may travel across the ground and reach an ignition source and back flash.

### SECTION VI - STABILITY AND REACTIVITY

**Stability:** Stable under normal use and storage conditions.

**Conditions to Avoid:** Temperatures in excess of 120 °F for prolonged periods and Open Flames

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**Incompatibility:** Avoid contact with strong oxidizing agents.

**Hazardous Decomposition Products:** Oxides of Carbon and smoke particulates.

**Hazardous Polymerization:** Will not occur.

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**SECTION VII - STORAGE AND HANDLING**

**Precautions To Be Taken In Handling and Storage:** Do not eat, drink or smoke in storage area or where material is in use. Wash after handling. Always store in tightly sealed, properly labeled, original container. Containers should be grounded to prevent electrostatic accumulation hazard. Store in a cool, dry well ventilated area.

**Other Precautions:** Follow Label Instructions and Precautions.

**SECTION VIII - HEALTH AND FIRST AID**

**Skin:** Slightly irritating. Repeated or prolonged contact can cause defatting and drying.

**Eyes:** Slightly irritating. Transitory irritation accompanied by redness. Vapors may be irritating.

**Inhalation:** High vapor concentrations may be irritating to respiratory system. Breathing of vapor may cause headaches, irritation of throat and may cause central nervous system depression.

**Ingestion:** Product is low to slightly toxic. May cause gastric distress, diarrhea and vomiting.

**FIRST AID PROCEDURES:**

**Eyes:** Flush with large amounts of cool running water for at least 15 minutes. If irritation persists get medical attention.

**Skin:** Wash skin with soap and water. If irritation persists seek medical attention.

**Inhalation:** For excessive inhalation remove to fresh air. If breathing is difficult seek medical attention.

**Ingestion:** DO NOT induce vomiting. Drink large amounts of water. Seek medical attention immediately.

**SECTION IX - EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Eye Protection:** Eye Protection when pouring. Goggles, safety glasses with side shields are recommended.

**Respiratory Protection:** Where adequate ventilation is not available an approved NIOSH organic vapor respirator must be worn. In confined areas, use a self-contained breathing apparatus.

**Skin Protection:** Wear chemical resistant clothing and gloves.

**Ventilation:** General or local ventilation to prevent TLV from exceeding control limits.

**Protective Clothing:** Selection of protective clothing depends on potential exposure conditions and may include gloves, aprons and other protective items.

**Other Equipment:** Eye wash station and shower in close proximity to use are advised

**SECTION X - ACCIDENTAL RELEASE MEASURES**

**Small Spill:** Stop source of spill. Absorb on inert media and collect into suitable container.

**Large Spill:** Shut off or plug source of spill. Dike area to contain spill. Maximize recovery of as much liquid as possible into a suitable container. Absorb residual on inert media and collect into suitable container.

**Personal Protection in Case of Large Spill:** Wear protective equipment and/or garments as described in Section IX as conditions warrant.

**SECTION XI - DISPOSAL CONSIDERATIONS**

**Waste Disposal Method:** Under federal regulations it is the responsibility of the user of the product to determine at the time of disposal, whether the material meets the criteria for hazardous waste.

Avoid contaminating ground and surface water. Prevent material from entering sewer and ground water systems. Do not flush to drain. Follow local, state and federal regulations for disposal

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**SECTION XII - TRANSPORTATION**

Not regulated by U.S. DOT when shipped in packages of 119 gallons or less.

**Proper Shipping Name:** Combustible liquid (Ethylene Glycol Monobutyl Ether), n.o.s.  
**Hazard Class:** 3  
**UN Number:** 1993  
**Packaging Group:** III

**SECTION XIII - TOXICOLOGY**

**Carcinogenicity:** Not listed by any agency.  
**Mutagenicity:** No evidence of adverse effects.  
**Reproductive:** No evidence of adverse effects.  
**Sensitization:** Not considered a sensitizer

**SECTION XIV - REGULATORY**

**RMP/PSM:** Not listed.  
**CERCLA-RQ:** 5000 Lbs  
**EPCRA 311/312:** Yes, See Section III  
**EPCRA 313:** Yes  
**FIFRA:** No documented information available.  
**RCRA-CODE:** No Hazardous Waste Identification.  
**TSCA:** Listed

**SECTION XV - OTHER INFORMATION**

The information contained on this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.