

# SAFETY DATA SHEET

# CHEMICAL DISTRIBUTION SOLUTIONS

## SECTION 1 · COMPANY AND PRODUCT IDENTIFICATION

### PRODUCT

**Product Name:** MPDIOL GLYCOL

**Control Number:** 00094

**Product Description:** Solvent

### 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 ]

Not a hazardous substance or mixture.

#### [ Environmental ]

#### [ Physical ]

### GHS Label elements, including precautionary statements

Not a hazardous substance or mixture.

**Pictograms** NONE

**Signal Word:** Warning

**Hazard statement(s)**

**Precautionary statement(s)**

## SECTION 3 · HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS Number	%WT
2-Methyl-1,3-propanediol	2163-42-0	100%

## SECTION 4 · FIRST AID MEASURES

**Eyes:** Flush eyes with water, occasionally continue to rinse for at least 10 minutes. Get medical attention if irritation occurs and persists.

**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. Get medical attention if symptoms occur.

**Ingestion:** Wash out mouth with water. Get medical attention if symptoms persist.

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## SECTION 5 - FIRE FIGHTING MEASURES

**Extinguishing Media:** To extinguish flames use an extinguishing agent suitable for the surrounding fire.

**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:** Material is non-combustible and is not expected to pose a hazard.

## SECTION 6 - ACCIDENTAL RELEASE and DISPOSAL MEASURES

Do not touch or walk through spilled material. Put on appropriate personal protective equipment.

Stop leak if without risk. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. 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

**Precautions To Be Taken In Handling and Storage:** Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist.

**Other Precautions:** Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use

## 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 100 ppm ACGIH; 100 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 prolonged or repeated skin contact is likely, wear appropriate protective gloves.

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

**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:** 261 °F

**Autoignition Temperature:** 716 °F

**Boiling Point:** 253 °F

**Melting Point:** -132 °F

**Vapor Pressure:** <0.0 1 mmHg

**Vapor Density (Air-1):** 3.1

**Odor/Appearance:** Clear light yellow liquid with no appreciable odor.

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

**Specific Gravity:** 1.02

**Volatile %:** No available data

**Evaporation Rate (BuAc=1):** No data

**pH:** Not applicable

**Solubility in Water:** 100 g/l

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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.

## 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 Oral - rat - > 5,000 mg/kg

### Acute inhalation toxicity:

LC50 rat: > 5.1 mg/l 4h

### Acute dermal toxicity:

LD50 rabbit: > 2,000 mg/kg

## SECTION 12 · ECOLOGICAL INFORMATION

**Ecotoxicity:** Toxicity to fish LC50 - Cyprinus carpio (Carp) - > 1,000 mg/l - 96 h

**Bio-accumulative potential:** This product is readily biodegradable.

**Mobility:** This product is moderately mobile in soil.

## 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 Regulated 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).

The reportable quantity (RQ) for this material has not been established.

**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:**

No SARA Hazards.

**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:** This product contains no chemicals that are listed under the CWA.

**Clean Air Act:** This product contains no chemicals that are listed 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:** September 2014

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

**Health:** 0

**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.