SAFETY DATA SHEET

CHEMICAL DISTRIBUTION SOLUTIONS

SECTION 1 · COMPANY AND PRODUCT IDENTIFICATION

PRODUCT

Product Name: DIPROPYLENE GLYCOL
Control Number: 00013
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]	**[Environmental]**	**[Physical]**
Acute toxicity, Oral Category 4	None	None

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.

SECTION 3 · HAZARDOUS INGREDIENTS

CHEMICAL NAME	**CAS Number**	**%WT**
Dipropylene Glycol	25265-71-8	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, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention if symptoms occur.
Ingestion: Wash out mouth with water. Move exposed person to fresh air. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. Get medical attention. Never give anything by mouth to an unconscious person.

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: 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

Small Spill: Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
Large Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

SECTION 7 · STORAGE AND HANDLING

Handling: Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapor/spray. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents.
Storage: 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: Provide adequate 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 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.

SECTION 9· PHYSICAL AND CHEMICAL PROPERTIES

Flash Point: 226 °F
Autoignition Temperature: 630 ^{O}F
Boiling Point: 441 ^{O}F
Melting Point: No available data
Vapor Pressure: < 1 mmHg
Vapor Density (Air-1): 5.37
Flammability Limits: Lower- No data; Upper- No data
Specific Gravity: 1.02
Volatile %: No available data
Evaporation Rate (BuAc=1): No data
pH: No available data
Solubility in Water: Soluble
Odor/Appearance: Clear liquid with no appreciable odor.

SECTION 10 · STABILITY AND REACTIVITY

Chemical Stability: Stable under normal use and temperature conditions.
Conditions to Avoid: Keep away from excess heat, incompatible materials.
Materials to Avoid: Strong oxidizers.
Decomposition Products: When combusted, oxides of carbon and various hydrocarbons.

SECTION 11 · TOXILOGICAL INFORMATION

Signs and Symptoms of Overexposure:

Skin: May cause mild skin irritation. Severity depends on the amount and duration of exposure.
Eyes: May cause mild eye irritation. May cause minor corneal irritation.
Inhalation: May cause respiratory tract irritation.
Ingestion: Expected to be a low ingestion hazard. Ingestion of extremely large doses may affect the liver and kidneys.

Acute oral toxicity:
Dipropylene Glycol: LD50 rat: 5000 mg/kg
Acute inhalation toxicity:
Dipropylene Glycol: LC50 rat: 2.34 mg/l 4h
Acute dermal toxicity:
Dipropylene Glycol: LD50 rabbit: 5010 mg/kg

SECTION 12 · ECOLOGICAL INFORMATION

Ecotoxicity: Material is practically non-toxic to aquatic organisms..
Bio-accumulative potential: Bioaccumulation of this product is unlikely. This product is readily biodegradable.
Mobility: This product is readily mobile in soil and likely to volatize slowly from soil surface.

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 DOT Regulated Material
Hazard Class:
UN NA Number:
Packaging Group:

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 not been estimated.

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:
Chronic Health 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: 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: February 2015

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

Health: 1
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.