



24 Hour Emergency:
INFOTRAC: 1-800-535-5053

NOTE: INFOTRAC emergency number to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals.

MATERIAL SAFETY DATA SHEET

Section 1 - Chemical Product / Company Information

Product Name:	Glycol Ether DPM Acetate	Revision Date:	08/26/2011
Identification Number:	10217	Supercedes :	06/23/2008
Supplier:	EMCO Chemical Distributors, Inc. 2100 Commonwealth Avenue North Chicago, Illinois 60064 (847) 689-2200	Preparer:	McGrail, Bridget

Section 2 - Composition / Information On Ingredients

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Wt % Less</u>	<u>ACGIH TLV-</u>	<u>ACGIH TLV-</u>	<u>OSHA PEL-</u>	<u>OSHA PEL-</u>
		<u>Than</u>	<u>TWA</u>	<u>STEL</u>	<u>TWA</u>	<u>Ceiling</u>
Dipropylene glycol methyl ether acetate	88917-22-0	100.0	N.D.	N.D.	N.D.	N.D.

Section 3 - Hazards Identification

*** EMERGENCY OVERVIEW ***: Combustible liquid and vapor.

Effects Of Overexposure - Eye Contact: Contact with the eye may cause moderate irritation.

Effects Of Overexposure - Skin Contact: Causes skin irritation.

Effects Of Overexposure - Inhalation: Low order of toxicity. Negligible hazard at ambient tempertaure.

Effects Of Overexposure - Ingestion: Expected to be a low ingestion hazard.

Effects Of Overexposure - Chronic Hazards: No Information.

Primary Route(s) Of Entry: Skin Contact, Eye Contact

Section 4 - First Aid Measures

First Aid - Eye Contact: Immediately flush eyes with water. Flush eyes with water for a minimum of 15 minutes, occasionally lifting and lowering upper lids. Get medical attention promptly.

First Aid - Skin Contact: Wash with soap and water. Get medical attention if irritation develops or persists. Remove contaminated shoes and clothes and clean before reuse.

First Aid - Inhalation: Rescuers should put on appropriate protective gear. Remove from area of exposure. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Keep victim warm. Get immediate medical attention.

First Aid - Ingestion: Seek medical advice.

Section 5 - Fire Fighting Measures

Flash Point, F: 186
(TCC)

Lower Explosive Limit, %: N.D.
Upper Explosive Limit, %: N.D.

Extinguishing Media: Carbon Dioxide, Dry Chemical, Foam, Water Fog

Unusual Fire And Explosion Hazards: Combustible liquid and vapor. Vapors/dust may form explosive mixture with air. Vapors can travel to a source of ignition and flash back. Empty containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. Also, do not reuse container without commercial cleaning or reconditioning.

Special Firefighting Procedures: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Avoid use of solid water streams. Water spray to cool containers or protect personnel. Use with caution. Water runoff can cause environmental damage. Dike and collect water used to fight fire.

Section 6 – Accidental Release Measures

Steps To Be Taken If Material Is Released Or Spilled: Wear appropriate personal protective equipment. (See Exposure Controls / Personal Protection Section.) Eliminate all ignition sources. Prevent additional discharge of material if able to do so safely. Do not touch or walk through spilled material. Avoid runoff into storm sewers and ditches which lead to waterways. Ventilate spill area. Stay upwind of spill. Water fog may be used to suppress vapors. Collect spilled materials for disposal. Use only non-combustible material for clean-up. Use clean, non-sparking tools to collect absorbed materials. Remove from surface by skimming or with suitable absorbents. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

Section 7 - Handling And Storage

Handling: Use only in a well ventilated area. Avoid contact with eyes, skin, and clothing. Potential peroxide former. If peroxide formation is suspected, do not open or move container. Ground and bond containers when transferring material. Use spark-proof tools and explosion proof equipment. After opening, purge container with nitrogen before reclosing. Follow all MSDS/label precautions even after containers are emptied because they may retain product residues.

Storage: Keep away from heat, sparks, and flame. Store containers in a cool, well ventilated place. Keep container closed when not in use. Storage under nitrogen atmosphere is recommended.

Section 8 - Exposure Controls / Personal Protection

Engineering Controls: Good general ventilation should be sufficient to control airborne levels.

Respiratory Protection: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant the use of a respirator.

Skin Protection: Wear impervious gloves to prevent contact with the skin. Wear protective gear as needed - apron, suit, boots.

Eye Protection: Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent).

Other protective equipment: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Hygienic Practices: Do not eat, drink, or smoke in areas where this material is used. Remove contaminated clothing and wash before reuse. Wash thoroughly after handling. Wash hands before eating.

Section 9 - Physical And Chemical Properties

Boiling Range:	N.D. - N.D.	Vapor Density:	>6 (air=1)
Odor:	Typical	pH:	N.D.
Appearance:	Clear, transparent liquid	Evaporation Rate:	<1(n-butyl acetate=1)
Solubility in H2O:	Partial	Viscosity:	2 mPa @ 25 °C
Freeze Point:	N.D.	Specific Gravity:	0.9792
Vapor Pressure:			
Physical State:	Liquid		

(See section 16 for abbreviation legend)

Section 10 - Stability And Reactivity

Conditions To Avoid: Avoid impact, friction, heat, sparks, flame and source of ignition. Minimize exposure to air.

Incompatibility: Keep away from strong bases. Keep away from acids. Prevent contact with oxidizing materials.

Hazardous Decomposition: Toxic gases/fumes are given off during burning or thermal decomposition. During combustion carbon monoxide may be formed. May form peroxides of unknown stability.

Hazardous Polymerization: N.D.

Stability: N.D.

Section 11 - Toxicological Information

Product LD50: N.D.

Product LC50: N.D.

Chemical Name

Dipropylene glycol methyl ether acetate

LD50 mg/kg

N.D.

LC50 mg/L

N.D.

Section 12 - Ecological Information

Ecological Information: N.D.

Section 13 - Disposal Information

Disposal Information: Dispose of waste in accordance with all local, state and federal regulations.

For assistance with your waste management needs, contact EMCO's Waste Services Division at (262) 658-4000

Section 14 - Transportation Information

DOT Proper Shipping Name: Combustible liquid, n.o.s. (dipropylene glycol monomethyl ether acetate) - Combustible Liquid
Packing Group: III
DOT Hazard Class:
DOT UN/NA Number: NA1993
Hazard Subclass:
ERG # 128

The listed Transportation Information applies only to ground transport and does not address regulatory variations due to changes in package size, mode of shipment, or other regulatory descriptors.

Section 15 - Regulatory Information

CERCLA – SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

FIRE HAZARD

SARA Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR Part 372:

Toxic Substances Control Act:

All components of this product are listed or are exempt from listing on the TSCA 8(b) inventory. If identified components of this product are listed under the TSCA 12(b) export notification rule, they will be listed below:

U.S. State Regulations: As follows –

New Jersey Right-to-Know:

The following materials are non-hazardous, but are among the top five components in this product.

Pennsylvania Right-to-Know:

The following non-hazardous ingredients are present in the product at greater than 3%.

California Proposition 65:

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

Warning: The following ingredients present in the product are known to the state of California to cause birth defects or other reproductive hazards.

International Regulations:**CANADIAN WHMIS:**

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

Section 16 - Other Information**HMIS Ratings:**

Health: 1

Flammability: 2

Reactivity: 0

Personal Protection: X

VOLATILE ORGANIC COMPOUNDS, g/L: 977**REASON FOR REVISION:****Legend:** N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

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