

MATERIAL SAFETY DATA SHEET

GLYCOL MC

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: GLYCOL MC
SYNONYMS: Glycol Ether
APPLICATION: Oil well drilling fluid additive, Shale Control Additive
SUPPLIER: Nahr Oil Services
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2. COMPOSITION, INFORMATION ON INGREDIENTS

- The product contains non-hazardous components.

3. HAZARDS IDENTIFICATION

Emergency Overview: Health injuries are not known or expected under normal use. Irritating and toxic gases or fumes may be released during a fire.

Potential Health Effect:

Eyes: Slightly irritating but does not injure eye tissue.

Skin: Health injuries are not known or expected under normal use.

Inhalation: Health injuries are not known or expected under normal use.

Ingestion: Intentional misuse by concentrating and inhaling the product can be harmful or fatal.

4. FIRST AID MEASURES

Inhalation:

Move to fresh air. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Get medical attention immediately.

Ingestion:

If swallowed, do not induce vomiting. Get medical attention immediately.

Skin Contact:

Remove and isolate contaminated clothing and shoes. Wash affected area with mild soap and water. Get medical attention if irritation develops or persists.

Eye Contact:

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention immediately.

5. FIRE FIGHTING MEASURES

Auto Ignition Temperature: 300°C.

Flammable Properties: Dusts at sufficient concentrations can form explosive mixtures with air.

Extinguishing Media: Dry chemical, foam, carbon dioxide. Use water to cool fire-exposed containers and to protect personnel.

Hazardous Combustion Product: Dry chemical, CO₂, water spray or alcohol resistant foam. Do not use a solid water stream as it may scatter and spread fire.

Protective Measures in Fire: Move containers from fire area if you can do it without risk. Do not scatter spilled material with high pressure water streams. Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.

6. ACCIDENTAL RELEASE MEASURES

Spill Management: Keep unnecessary personnel away. Ventilate closed spaces before entering. Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Prevent entry into waterways, sewers, basements or confined areas. Absorb with earth, sand or other non combustible material and transfer to containers for later disposal.

7. HANDLING AND STORAGE

Handling: Do not get this material in your eyes, on your skin, or on your clothing. Wash hands after handling and before eating. Do not handle or store near an open flame, heat or other sources of ignition.

Storage: Use care in handling/storage. Keep containers tightly closed in a dry, cool and well-ventilated place. Do not store in aluminum containers. Store in a cool place

8. EXPOSURE CONTROL, PERSONAL PROTECTION

Personal Protection:



Respirators: When dusts or thermal processing fumes are generated and ventilation is not sufficient to effectively remove them, appropriate NIOSH/MSHA approved respiratory protection must be provided.

Protective Gloves: Use Impervious gloves. Use of protective coveralls and long sleeves is recommended. Use of impervious boots is recommended.

Eye Protection: Wear dust goggles.

Hygienic Work Practices: Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practice.

Engineering Controls: Ensure adequate ventilation, especially in confined areas.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State and Appearance:	Liquid
Color:	Clear, Amber
Odor:	Ether-like
pH:	7-11.5 (50% aqueous solution)
Specific Gravity:	N/A
Bulk Density:	0.9 g/cm ³
Molecular Weight:	N/A
Boiling Point:	260°C
Melting Point:	N/A
Flash Point:	> 100°C
Vapor Pressure:	N/A
Viscosity:	N/A
Vapor Density:	N/A
Odor Threshold:	N/A
Solubility:	Miscible in water

10. STABILITY AND REACTIVITY

Stability: Stable.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Product: Decomposition products may include aldehydes, organic acids, and ketones.

Incompatibility Materials and Conditions to Avoid: Avoid heat, strong acids and oxidizing agents.

11. TOXICOLOGICAL INFORMATION

- This product is irritating to eyes, skin and respiratory tract.

12. ECOLOGICAL INFORMATION

Ecotoxicity: This material is not expected to be harmful to aquatic life.

13. DISPOSAL CONSIDERATIONS

Waste Disposal: Dispose of at an approved land disposal site in accordance with local authority requirements.

14. TRANSPORT INFORMATION

- Not regulated as a "Hazardous Material" for transportation.

15. OTHER INFORMATION

NPCA HMIS HAZARD INDEX:

HEALTH: 1 Slight Hazard.

FLAMABILITY: 1 Slight Hazard.

PHYSICAL HAZARD: 0 Minimal Hazard.

NPCA HMIS PERS. PROTECT. INDEX: D – Face Shield, Gloves, Protective Apron.

USER NOTE: N/A = Not Applicable N/D = Not Determined.

DISCLAIMER:

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