



Material Safety Datasheet

DRILLING LUBRICANT

1. DESCRIPTION

Trade Name: DRILLING LUBRICANT

Chemical Name: WBM Lubricant, Drilling Lubricant

Application: Lubricating agent in water-based muds

Supplier: TEAM Chemicals

Telephone: +44 (0)207 408 7700 - +98 912 3717539

Address: No. 43, Souri St., 43 Ashrafi Esfahani Expressway

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients

Chemical name	CAS-No	Content
Drilling Lubricant	-	100%

3. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW:

Potential Acute Health Effects:

Eye Contact: Contact with eyes may cause irritation.

Skin Contact: This product may cause irritation to the skin.

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

Ingestion: Ingestion of this product may cause nausea, vomiting and diarrhea.

Irritant YES

Flammable NO

Carcinogenic NO

Oxidant NO

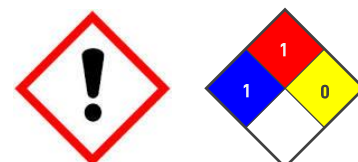
Explosive NO

Environmental Hazard YES

Corrosive YES

(Risk-Phrases) -

(Safety-Phrases) -





4. FIRST AID MEASURES

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention immediately.

Skin Contact: If skin contact occurs:

- Immediately remove all contaminated clothing, including footwear.
- Flush skin and hair with running water (and soap if available).
- Seek medical attention in event of irritation.

Inhalation: · If fumes or combustion products are inhaled remove from contaminated area.

- Lay patient down. Keep warm and rested. / Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures.

Ingestion: For advice, contact a Poisons Information Centre or a doctor.

- If swallowed do NOT induce vomiting.
- If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA Dry chemical, CO₂, water spray or regular foam. Do not use water jet.

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

FIRE/EXPLOSION HAZARD Slightly explosive in presence of heat.

FIRE INCOMPATIBILITY Hazardous combustion products are carbon monoxide, carbon dioxide oxides of Sulphur, zinc and phosphorus.

PERSONAL PROTECTION As in any fire, wear self-contained breathing apparatus pressure-demand.

6. ACCIDENTAL RELEASE MEASURES

Small Spill:

Remove all ignition sources. / Clean up all spills immediately. / Avoid breathing vapours and contact with skin and eyes. / Control personal contact by using protective equipment. / Contain and absorb small quantities with vermiculite or other absorbent material. / Wipe up. / Collect residues in a flammable waste container.

Large Spill:

Clear area of personnel and move upwind. / Alert Fire Brigade and tell them location and nature of hazard. / May be violently or explosively reactive. / Wear breathing apparatus plus protective gloves. / Prevent, by any means available, spillage from entering drains or water course. / No smoking, naked lights or ignition sources.



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7. HANDLING AND STORAGE

HANDLING Precautions: Handle and open container with care. Do not get this material in your eyes, on your skin, or on your clothing. Wear personal protective equipment.

Storage Precautions: Keep away from heat, sparks, and flame. Use care in handling/storage. Keep containers tightly closed in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE Limits

PERSONAL PROTECTION Wear safety glasses; chemical goggles (if splashing is possible).

Use of protective coveralls and long sleeves is recommended. Use of impervious boots is recommended.

Protective gloves.

No personal respiratory protective equipment normally required.

When using do not smoke.

ENGINEERING CONTROLS

Ensure ventilation is adequate and that air concentrations of components are controlled below quoted Workplace Exposure Standards. Keep containers closed when not in use.

9. PHYSICAL & CHEMICAL PROPERTIES

Physical state and appearance: Clear Liquid

Color: Amber

Odor: Mild

pH: Not available

Boiling Point: More than 100°C

Melting/Freezing Point: Not Available

Flash Point: Appx. 160°C

Specific Gravity: 0.9-0.95

Solubility: Dispersible



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10. STABILITY & REACTIVITY

Chemical Stability: Stable

Conditions to Avoid: Incompatible materials, moisture

Materials to Avoid: Incompatible with oxidizing and reducing agents and strong acids

Special Remarks on Reactivity: NA

Special Remarks on Corrosivity: NA

11. TOXICOLOGICAL INFORMATION

Not Available

12. ECOLOGICAL INFORMATION

Not Available

13. DISPOSAL CONSIDERATION

DISPOSAL METHODS: Dispose in accordance with all applicable regulations.

14. TRANSPORT INFORMATION

DOT Classification: Not regulated as dangerous goods.

15. REGULATORY INFORMATION

Classification:

Based on available information, not classified as hazardous.

Poisons Schedule (SUSMP):

None allocated.

This material is listed on the international standard such as OHSAS 18001:2007.



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16. ADDITIONAL INFORMATION

Reason(s) for Issue:

- 3 Yearly Revised Primary MSDS
- Update in Toxicological Information
- Update in Ecological Information

This MSDS summaries to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. TEAM Chemicals cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.



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The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. TEAM Chemicals and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.