



# Material Safety Datasheet

## DRILLING DETERGENT

### 1. DESCRIPTION

**Trade Name:** DRILLING DETERGENT

**Chemical Name:** -

**Application:** Cleaning downhole & surface tools

**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

Name	CAS	Proportion
No hazardous material	-	-

### 3. HAZARD IDENTIFICATION

#### EMERGENCY OVERVIEW:

May cause skin and eye irritation. May cause respiratory tract irritation. Prolonged or repeated skin contact may cause skin irritation or allergic skin sensitization reaction.

#### 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

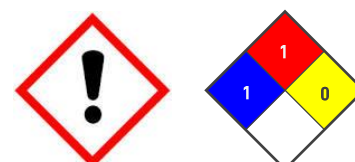
**Explosive** NO

**Environmental Hazard** NO

**Corrosive** NO

**(Risk-Phrases)** -

**(Safety-Phrases)** -





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### 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.

**Skin Contact:** If skin contact occurs:

- Immediately remove all contaminated clothing, including footwear.
- Flush skin and hair with running water (and soap if available).

**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:** Drink plenty of water. Obtain medical attention.

### 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA** Alcohol foam. Dry chemical, carbon dioxide. Use water to cool fire-exposed containers and to protect personnel.

**FIRE FIGHTING** Do not use a solid water stream as it may scatter and spread fire.

**FIRE/EXPLOSION HAZARD** Non

**FIRE INCOMPATIBILITY** Non

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

### 6. ACCIDENTAL RELEASE MEASURES

#### Small Spill:

- Clean up all spills immediately.
- Wipe up.

#### Large Spill:

Dike far ahead of liquid spill for later disposal.

Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.



Tiam Earth Advanced Materials

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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:** Use care in handling/storage. Keep containers tightly closed in a dry, cool and well-ventilated place.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### EXPOSURE Limits

Not Hazardous.

### PERSONAL PROTECTION

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

Protective gloves.

No personal respiratory protective equipment normally required.

**ENGINEERING CONTROLS** Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or mists generated from the handling of this product.

## 9. PHYSICAL & CHEMICAL PROPERTIES

**Physical state and appearance:** Liquid

**Color:** Pale Yellow

**Odor:** Odorless

**pH (10% solution):** >9

**Melting/Freezing Point:** Not Available

**Flash Point:** > 150 °F

**Specific Gravity:** 1-1.1

**Solubility:** Soluble in water



## 10. STABILITY & REACTIVITY

**Chemical Stability:** Stable

**Conditions to Avoid:** Direct heat

**Materials to Avoid:** Strong oxidizing agents

**Special Remarks on Reactivity:** NA

**Special Remarks on Corrosivity:** NA

## 11. TOXICOLOGICAL INFORMATION

Not Available

## 12. ECOLOGICAL INFORMATION

According to the results of tests of biodegradability, it is considered as being readily biodegradable.

## 13. DISPOSAL CONSIDERATION

**DISPOSAL METHODS:** Dispose of waste material according to Local, State, and Provincial Environmental Regulations.

## 14. TRANSPORT INFORMATION

**DOT Classification:** Not regulated as dangerous goods.

## 15. REGULATORY INFORMATION

**Classification:**

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.

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