



## Material Safety Datasheet

**OBM PRIMARY EMULSIFIER****1. DESCRIPTION****Trade Name:** OBM PRIMARY EMULSIFIER**Chemical Name:** OBM PRIMARY EMULSIFIER**Application:** Primary emulsifier for oil-based mud**Supplier:** TEAM Chemicals**Telephone:** +44 (0)207 408 7700 - +98 912 371 7539**Address:** No. 43, Souri St., 43 Ashrafi Esfahani Expressway**2. COMPOSITION / INFORMATION ON INGREDIENTS****Ingredients**

INGREDIENT NAME:	CAS No:	CONTENTS:
Not specified.	-	-

**3. HAZARD IDENTIFICATION****EMERGENCY OVERVIEW:** CAUTION! MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION. Avoid contact with eyes, skin and clothing. Avoid breathing airborne product. Keep container closed. Use with sufficient ventilation. Wash thoroughly after handling.**Potential Acute Health Effects:** Particulates may cause mechanical irritation to the eyes, nose, throat and lungs. Particulate inhalation may lead to pulmonary fibrosis, chronic bronchitis, emphysema and bronchial asthma. Dermatitis and asthma may result from short contact periods.**Potential Chronic Health Effects:****CHRONIC HEALTH EFFECTS**

The principal routes of exposure are usually by skin contact/absorption and pressure and volatility of mineral oil at room temperature present a negligible vapor hazard under normal working conditions. Prolonged contact with mineral oils carries with it the risk of skin conditions such as oil folliculitis, eczematous dermatitis, pigmentation of the and warts on the sole of the foot.

**ROUTE OF ENTRY:** Inhalation. Skin and/or eye contact.**TARGET ORGANS:** Respiratory system, lungs. Skin. Eyes.

<b>Irritant</b> YES	<b>Flammable</b> YES	<b>Carcinogenic</b> NO
<b>Oxidant</b> NO	<b>Explosive</b> NO	<b>Environmental Hazard</b> NO
<b>Corrosive</b> NO	<b>Risk Phrase</b> -	<b>Safety-Phrases</b> -





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## 4. FIRST AID MEASURES

**Eye Contact:** This substance may cause eye irritation due to the abrasive action of the dust. Immediately hold eyelids apart and flush the eye continuously with running water.

**Skin Contact:** Wash with soap and water.

**Inhalation:** If fumes or combustion products are inhaled remove from contaminated area. Lay patient down. Keep warm and rested.

**Ingestion:** Rinse mouth with water, do not induce vomiting.

## 5. FIRE FIGHTING MEASURES

### EXTINGUISHING MEDIA

- Foam.
- Dry chemical powder.
- BCF (where regulations permit).
- Carbon dioxide.
- Water spray or fog - Large fires only.

### FIRE FIGHTING

- Use water delivered as a fine spray to control fire and cool adjacent area.
- Do not approach containers suspected to be hot.

### FIRE/EXPLOSION HAZARD

- Slight fire hazard when exposed to heat or flame.
- Heating may cause expansion or decomposition leading to violent rupture of containers.

**FIRE INCOMPATIBILITY** Avoid contamination with oxidizing agents i.e. nitrates, oxidizing acids, chlorine bleaches, pool chlorine etc. as ignition may result.

**PERSONAL PROTECTION** Wear proper personal protective equipment

## 6. ACCIDENTAL RELEASE MEASURES

### Small Spill:

Clean up all spills immediately. Sweep up. Place in suitable containers for disposal.

### Large Spill:

- Clean up all spills immediately. Clear area of personnel.
- If exposure to workplace dust is not controlled, respiratory protection is required; wear
- SAA approved dust respirator.
- Wear impervious gloves and safety glasses



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## 7. HANDLING AND STORAGE

### Handling Precautions:

- Avoid generating and breathing dust.
- Avoid contact with eyes and skin.

### Storage Precautions:

- Store in a cool dry area. Away from sources of direct heat.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**EXPOSURE CONTROLS** Not available.

### PERSONAL PROTECTION

**RESPIRATOR** Supply natural or mechanical ventilation adequate to exhaust airborne product and keep exposures below the applicable limits.

**EYE** Wear dust resistant safety goggles where there is danger of eye contact.

**HAND/FEET** Use suitable protective gloves if risk of skin contact

**OTHER** Wash promptly with soap and water if skin becomes contaminated. Change work clothing daily if there is any possibility of contamination.

**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. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

## 9. PHYSICAL & CHEMICAL PROPERTIES

**Color:** Amber

**Odor:** None

**pH:** NA

**Boiling Point:** NA

**Flash Point:** >150 °F

**Specific Gravity:** 0.8-1

**Solubility :** Insoluble in water/Soluble in oil



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## 10. STABILITY & REACTIVITY

**Chemical Stability:** Normally stable

**Conditions to Avoid:** None

**Materials to Avoid:** None

**Special Remarks on Reactivity:** None

**Special Remarks on Corrosivity:** None

## 11. TOXICOLOGICAL INFORMATION

Not considered toxic.

## 12. ECOLOGICAL INFORMATION

UK OCNS Category: Not classified

Aquatic LC50: Not toxic

Marine Pollutant (IMDG Code): None

**ECOLOGICAL INFORMATION:** Contact TEAM Environmental Affairs for ecological data.

## 13. DISPOSAL CONSIDERATION

**WASTE MANAGEMENT:** Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

**DISPOSAL METHODS:** Consult State Land Waste Management Authority for disposal.

## 14. TRANSPORT INFORMATION

**U.S. DOT** Flammable liquid, n.o.s. (Contains methanol)

**U.S. DOT CLASS:** Not regulated

**Shipping Description:** Not regulated



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### 15. REGULATORY INFORMATION

**Classification:** Flammable material

Toxicity: refer to section 11 and 12.

**Poisons Schedule (SUSMP):** None allocated.

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

### 16. ADDITIONAL INFORMATION

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 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.