



INVENTED TO LAST

كيماويات السعودية

Saudi Chem

# SC 63-SA

Drilling Mud Emulsifier

## MATERIAL SAFETY DATA SHEET

### SECTION 1:

Identification of the Substance/  
Mixture and the Company/  
Undertaking

#### 1.1 Product identifier:

**Name:** SC 63-SA  
**Description:** Drilling Mud Emulsifier

#### 1.2 Relevant identified uses of the substance/mixture:

**Uses:** Oil and gas industry application use a cleaning agent  
**Not to be used for:** Any other purposes

#### 1.3 Details of the supplier of the safety data sheet:

**Company identification:** Saudi Chem  
**Address:** P.O. Box 70108  
Al Khobar 31952  
Kingdom of Saudi Arabia  
**Telephone:** +966 13 812 1166 | +966 13 847 6467  
**Fax:** +966 13 847 6985  
**Email:** solutions@saudichem.com

### SECTION 2:

Hazards Identification

#### 2.1 Classification of the substance/mixture:

**Classification according to (EC) Regulation 1272/2008**

Skin Irrit 2. H315  
Eye Dam 1. H318  
Aquatic Chronic 3. H412

**Classification according to Directive 1999/45/EC**

Xi; R38  
C; R34  
N; R52

#### 2.2 Label elements:

**Signal word:** DANGER

**Hazard statement(s):**

**H315**

Causes skin irritation

**H318**

Causes serious eye damage

**H412**

Harmful to aquatic life with long lasting effects

**Precautionary statement(s):**

**P280**

Wear protective gloves/protective clothing/eye protection/face protection

**P305+P351+P338**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**P501**

Dispose of contents/container according to local/national authority regulations

#### 2.3 Other hazards:

Possible effects to soil dwelling organisms

#### 3.2 Mixtures:

**Hazardous ingredient(s):**

Ingredients	% by weight	CAS& EC No	Classification Directive 1999/45/EC	Classification Regulation (EC) 1272/2008
Phenols ethoxylation reaction products	40-60	127087-87-0	Xi; R38 C; R34 N; R52	Skin Irrit 2. H315 Eye Dam 1. H318 Aquatic Chronic 3. H412

(See section 16 for the full text of R-Phrases and H-Statements)

### SECTION 3:

Composition/Information on  
Ingredients

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### SECTION 4:

First-aid Measures

#### 4.1 Description of first-aid measures:

**Inhalation:** Remove patient from exposure. Remove patient to fresh air, allow to rest and keep warm. Get medical attention if feeling unwell

**Ingestion:** Immediately rinse out mouth with water. Give sips of water. Do not induce vomiting. Provide rest and warmth. Get medical attention if feeling unwell

**Skin contact:** Immediately wash thoroughly with soap and water. Remove contaminated clothing. Get medical attention if skin appears damaged

**Eye contact:** Immediately flood the eye with plenty of water, holding the eye open. Get medical attention.

### SECTION 5:

Fire-fighting Measures

#### 5.1 Extinguishing media:

**Suitable:** Water mist, foam, carbon dioxide or dry powder

**Not suitable:** Water jet – will spread product

#### 5.2 Special hazards arising from the substance/mixture:

Fumes containing carbon dioxide, carbon monoxide, amine vapour and oxides of nitrogen may be formed in large fires

#### 5.3 Advice for fire-fighters:

Keep run-off water out of sewers and water sources. Self-contained breathing apparatus and full protective clothing must be worn

### SECTION 6:

Accidental Release Measures

#### 6.1 Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment (see section 8). Avoid contact with eyes and skin. Use with adequate ventilation

#### 6.2 Environmental precautions:

Prevent from entering the sewers or the immediate environment. In case of large spill, inform local police, local authority, water supplier, national rivers authority and/or fire brigade if appropriate

#### 6.3 methods and materials for containment and clean-up:

**On soil:** Contain any spilled material immediately onto a non-reactive absorbent material and remove to labelled containers for disposal (see section 13)

**On water:** None known

#### 6.4 Reference to other sections:

See section 8 for details of protective equipment  
See section 13 for details of disposal methods

### SECTION 7:

Handling and Storage

#### 7.1 Precautions for safe handling:

Keep away from heat. No smoking  
Use personal protective equipment (see section 8)  
Ensure good ventilation during handling

#### 7.2 Conditions for safe storage, including any incompatibilities:

Store outdoors in a secure site  
Keep in original containers

### SECTION 8:

Exposure Controls/Personal Protection

#### 8.1 Control parameters:

No data available on mixture.

**Monitoring procedures:** None specified

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### 8.2 Exposure controls:

<b>Personal protection:</b>	Always check applicability with your supplier of protective equipment
<b>Respiratory protection:</b>	Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as CEN (EU).
<b>Eye Protection:</b>	Tightly fitting safety goggles. Face shield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as EN166 (EU)
<b>Skin protection:</b>	Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace
<b>Hand protection:</b>	Wear gloves when handling the product. Contact your supplier of protective equipment for more details. Note: Break-through times can vary depending upon the thickness, use and source. Change gloves regularly. The selected protective gloves have to satisfy the standard of EN 374 (EU)
<b>General hygiene:</b>	Do not eat, drink or smoke while handling the product. Immediately take off any contaminated clothing and lauder before re-use. Wash hands and/or face before breaks and at the end of the shift. After the session apply hand-cream to clean skin

### 9.1 Information on basic physical and chemical properties:

<b>Appearance:</b> (physical state, colour etc.)	Colourless liquid
<b>Odour:</b>	Mild soap odour
<b>Odour threshold:</b>	Not determined
<b>pH:</b>	6-8
<b>Melting/freezing point:</b>	< 0°C
<b>Initial boiling point and boiling range:</b>	Not determined
<b>Flash point:</b>	>66°C
<b>Evaporation rate:</b>	Not determined
<b>Flammability (solid, gas):</b>	Not determined
<b>Upper/lower flammability or explosive limits:</b>	Not determined
<b>Vapour pressure:</b>	Not determined
<b>Vapour density:</b>	Not determined
<b>Relative density at 20°C:</b>	0.95 to 1.05.gm/cc
<b>Solubility (ies):</b>	Soluble in fresh water and sea water
<b>Partition coefficient:</b>	Not determined
<b>Auto-ignition temperature:</b>	Not determined
<b>Decomposition temperature:</b>	Not determined
<b>Viscosity cps at 23°C:</b>	<200

### 9.2 Other data:

These are typical values and do not constitute a specification

### 10.1 Reactivity:

Stable under normal conditions and relevant use

### 10.2 Chemical stability:

Stable under normal conditions and relevant use

## SECTION 9:

Physical and Chemical Properties

## SECTION 10:

Stability and Reactivity

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### 10.3 Possibility of hazardous reactions:

Stable under normal conditions and relevant use

### 10.4 Conditions to avoid:

Heat, flames and sparks

### 10.5 Incompatible materials:

Oxidizing agents, Strong acids, Strong bases, Amines

### 10.6 Hazardous decomposition products:

None known

### 11.1 Information on toxicological effects:

**Acute toxicity:** Not known**Skin corrosion/irritation:** Not known**Serious eye damage/irritation:** Not known**Respiratory or skin sensitisation:** Not known**Germ cell mutagenicity:** Not known**Carcinogenicity:** Not known**Reproductive toxicity:** Not known**STOT – single exposure:** Not known**STOT – repeated exposure:** Not known**Aspiration hazard:** Not known**Likely routes of exposure:** Not known**Symptoms relating to physical, chemical and toxicological characteristics:**

Not known

**Delayed and immediate effects as well as chronic effects from short and long-term exposure:**

It may cause irritation short-term. Not known long-term

**Other information:** None known

### 12.1 Toxicity:

No data available

### 12.2 Persistence and degradability:

None known

### 12.3 Bioaccumulative potential:

None known

### 12.4 Mobility in soil:

No data available

### 12.5 Results of PBT and vPvB assessment:

No data available

### 12.6 Other adverse effects:

No data available

### 13.1 Waste treatment methods:

Dispose to licensed waste disposal site in accordance with local waste disposal authority regulations

Authority	14.1 UN number	14.2 Proper Shipping Name	14.3 Class or division	14.4 Packing group	14.5 Environmental hazard
ADR/RID/IMDG/		Not regulated			
IATA		Not regulated			

### 14.6 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code:

Not applicable

## SECTION 11:

Toxicological Information

## SECTION 12:

Ecological Information

## SECTION 13:

Disposal Considerations

## SECTION 14:

Transport Information

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### SECTION 15: Regulatory Information

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance/mixture:

The provision of safety data sheets (SDS) comes under Regulation 6 of CHIP (CHIP is the recognised abbreviation for Chemicals Hazards Information and Packaging Regulations). This is in addition to The Health and Safety at Work Act 1974 in the United Kingdom

#### 15.2 Chemical safety assessment:

Chemical safety assessment has not been carried out

### SECTION 16: Other Information

#### Sources of information used:

ECHA (European Chemicals Agency)

HSE (Health and Safety Executive)

EU-OSHA (European Agency for Safety and Health at Work)

#### H-Statements used in this document:

**H315**

Causes skin irritation

**H318**

Causes serious eye damage

**H412**

Harmful to aquatic life with long lasting effects

#### R-Phrases used in this document:

**Xi; R38**

Irritating to eyes

**C; R34**

Causes burns

**N; R52**

Harmful to aquatic organisms

Reasonable care has been taken in the preparation of this document to assess and summarise the hazard properties of the product(s), the user must still satisfy themselves that the information contained herein is pertinent to permit safe handling under their own use conditions, since we cannot foresee all conditions of use.

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