



INVENTED TO LAST

كيماويات السعودية

Saudi Chem

SC 206

Drilling Detergent

MATERIAL SAFETY DATA SHEET

SECTION 1:

Identification of the Substance/
Mixture and the Company/
Undertaking

1.1 Product identifier:

Name: SC 206
Description: Drilling Detergent

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

Not classified
(See section 16 for full text of H-Statements)

Classification according to Directive 1999/45/EC

Not classified
(See section 16 for the full text of R-Phrases)

2.2 Label elements:

Signal word:**Hazard statement(s):** n/a**Precautionary statement(s):** n/a

2.3 Other hazards:

Possible effects to soil dwelling organisms

SECTION 3:

Composition/Information
on Ingredients

3.2 Mixtures:

Mixture of none classified products

Hazardous ingredient(s):

Ingredients	% by weight	CAS & EC No	Classification Directive 1999/45/EC	Classification Regulation (EC) 1272/2008
Dodecylbenzen sulphonic acid sodium salts	5-15	n/a	Not classified	Not classified
Water	95-75	n/a	Not classified	Not classified

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

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

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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

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

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

8.1 Control parameters:

No data available on mixture.

Occupational exposure levels for:	Value	Control parameters	Basis

Monitoring procedures: None specified

8.2 Exposure controls:

Personal protection: Always check applicability with your supplier of protective equipment

Respiratory protection: 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).

Eye Protection: 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)

Skin protection: 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

SECTION 6: Accidental Release Measures

SECTION 7: Handling and Storage

SECTION 8: Exposure Controls/ Personal Protection

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Hand protection:	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)
General hygiene:	Do not eat, drink or smoke while handling the product. Immediately take off any contaminated clothing and launder 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:

Appearance: (physical state, colour etc.)	Liquid, slightly yellow
Odour:	Mild soap odour
Odour threshold:	Not determined
pH:	6-8
Melting/freezing point:	< 0°C
Initial boiling point and boiling range:	Not determined
Flash point:	>150°C
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Upper/lower flammability or explosive limits:	Not determined
Vapour pressure:	Not determined
Vapour density:	Not determined
Relative density at 20°C:	1.00 to 1.15 gm/cc
Solubility (ies):	Soluble in fresh water and sea water
Partition coefficient:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity cps at 23°C:	<100

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

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

SECTION 9:

Physical and Chemical Properties

SECTION 10:

Stability and Reactivity

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SECTION 11:
 Toxicological Information
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

SECTION 12:
 Ecological Information
12.1 Toxicity:**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

SECTION 13:
 Disposal Considerations
13.1 Waste treatment methods:

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

SECTION 14:
 Transport Information

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 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

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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:

N/A

R-Phrases used in this document:

N/A



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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