



INVENTED TO LAST

كيماويات السعودية

Saudi Chem

SC 64-SA

Drilling Surfactant

MATERIAL SAFETY DATA SHEET

SECTION 1:

Identification of the Substance/
Mixture and the Company/
Undertaking

1.1 Product identifier:

Name: SC 64-SA
Description: Drilling Surfactant

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	55-65	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:

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

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 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:

Appearance:

Yellow liquid

(physical state, colour etc.)

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:

>66°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:

0.98 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:

<500

9.2 Other data:

These are typical values and do not constitute a specification

SECTION 9:

Physical and Chemical Properties

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SECTION 10: Stability and Reactivity

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 11: Toxicological Information

11.1 Information on toxicological effects:

Acute toxicity: Not known

Skin corrosion/irritation: Not known

Serious eye damage/
irritation: Not knownRespiratory 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 knownSymptoms relating to physical, chemical and toxicological characteristics:
Not knownDelayed 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:

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

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SECTION 13: Disposal Considerations

SECTION 14: Transport Information

SECTION 15: Regulatory Information

SECTION 16: Other Information

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

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

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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