



INVENTED TO LAST

كيماويات السعودية

Saudi Chem

SC 1130-SA

Shale Inhibitor for Drilling

MATERIAL SAFETY DATA SHEET

SECTION 1:

Identification of the Substance/
Mixture and the Company/
Undertaking

1.1 Product identifier:

Name: SC 1130-SA
Description: Shale Inhibitor for Drilling

1.2 Relevant identified uses of the substance/mixture:

Uses: Oil and gas industry
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 Irritation (Category 2) **H315**
Eye Irritation (Category 2B) **H320**
(See section 16 for full text on H-Statements)

Classification according to Directive 1999/45/EC

Xi; R36/38
(See section 16 for full text on R-Phrases)

2.2 Label elements:



Signal word: WARNING

Hazard statement(s)

H315 Causes skin irritation
H320 Causes eye irritation

Precautionary statement(s):

P280 Wear protective gloves/protective clothing/eye protection/face protection
P501 Dispose of the contents/container in accordance with local/national regulations

2.3 Other hazards:

Possible effects to soil dwelling organisms

SECTION 3:

Composition/information on
Ingredients

3.2 Mixture

Hazardous ingredients:

Ingredients	% Conc	CAS number	Classification Directive 1999/45/EC	Classification Regulation (EC) 1272/2008
Anionic polyacrylamide dispersion	60-70		Xi; R36/38	Skin Irrit. 2 H315 Eye Irrit. 2 H320
Ethoxylatedpropoxylated alcohols	1-10		N; R50	Aquatic Acute 1 H400

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.

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SECTION 5:

Fire-fighting Measures

SECTION 6:

Accidental Release Measures

SECTION 7:

Handling and Storage

SECTION 8:

Exposure Controls/
Personal Protection

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

6.1 Personal precautions, protective equipment and emergency pro

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:

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:

Occupational exposure levels for:	8h-TWA	Reference
No data available		

Monitoring procedures: None specified

8.2 Exposure controls:

Recommended engineering controls:

Ensure good ventilation. Arrange for eye-wash possibility

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

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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 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: (physical state, colour etc.)	White liquid
Odour:	Mild
Odour threshold:	Not determined
pH:	6-8
Melting/freezing point:	Not determined
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 20°C:	0.9 -1.0
Solubility (ies):	Not Determined
Partition coefficient:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined

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:

Anionic polyacrylamide dispersion Oral rat LD50 = >2000 mg/kg

Skin corrosion/irritation: May cause skin irritation

Serious eye damage/

irritation:

Will cause eye irritation

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: Contact with skin and eyes**Symptoms relating to physical, chemical and toxicological characteristics:**

No Information Available

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

No Information Available

Other information:

None known

No data available on mixture.

12.1 Toxicity:

None known

12.2 Persistence and degradability:

None known

12.3 Bioaccumulative potential:

Low potential for bioaccumulative potential

12.4 Mobility in soil:

High mobility

12.5 Results of PBT and vPvB assessment:

Not required

12.6 Other adverse effects:

None known

SECTION 12:

Ecological Information

SECTION 13:

Disposal Considerations

SECTION 14:

Transport Information

SECTION 15:

Regulatory 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
EU/ADR/RID/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

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SECTION 16: Other Information

Inventories used:

ESIS (European chemical Substances Information System)

Sources of information used:

ECHA (European Chemicals Agency)

HSE (Health and Safety Executive)

OSHA (Occupational Safety and Health Administration)

H-Statements used in this document:
H315 Causes skin irritation**H320** Causes eye irritation
R-Phrases used in this document:
Xi; R36/38 Irritating to eyes and skin**N; R50** very toxic 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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