



INVENTED TO LAST

كيماويات السعودية

Saudi Chem

SC 274

Drilling Invert Fluid loss Additive

MATERIAL SAFETY DATA SHEET

SECTION 1: Identification of Substance/ Preparation and Company Undertaking

1.1 Product identifier:

Name: SC 274
Description: Drilling Invert Fluid loss Additive

1.2 Relevant identified uses of the substance/mixture:

Uses: Rheological additive used for filtration efficiency
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: N/A

Hazard statement(s): N/A

Precautionary statement(s):

P280 Wear protective gloves/eye protection/face protection
P308+P313 IF exposed or concerned: get medical advice/attention
P501 Dispose of contents/container in accordance with local/national regulations

2.3 Other hazards:

Possible effects to soil dwelling organisms

3.2 Mixtures:

Fatty acid reaction product and gas oil

Hazardous ingredient(s):

Substance	% by weight	CAS number	Classification Regulation (EC) 1272/2008
Amino-amine lignite	85-95	68910-55-4	Not classified
Gypsum	5-10	10101-41-4	Not classified

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

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 3: Composition/Information on Ingredients

SECTION 4: First-aid Measures

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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 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:

Use personal protective equipment (see section 8)

Ensure good ventilation during handling

7.2 Conditions for safe storage, including any incompatibilities:

Keep in original packaging

SECTION 8: Exposure Controls/ Personal Protection

8.1 Control parameters:

Data provided is based on individual ingredient(s)

Substance	Hazard Assessment	Value	Note	Hazard Assessment Conclusion
Gypsum	inhalation	8 hrs TWA	Long term exp. Short term exp.	10 mg/m ³ 30 mg/m ³

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)

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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

SECTION 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties:

Appearance: (physical state, colour etc.)	Powder, solid, grey to black
Odour:	None
Odour threshold:	Not applicable
pH:	Not applicable
Melting/freezing point:	No data available
Initial boiling point and boiling range:	Not determined
Flash point:	Not applicable
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Upper/lower flammability or explosive limits:	Not determined
Vapour pressure:	Not applicable
Vapour density:	Not applicable
Relative density at 20°C:	Not available
Solubility(ies):	Insoluble in water
Partition coefficient:	Not determined
Auto-ignition temp.:	>180°C
Decomposition temp.:	Not determined
Viscosity at 20°C:	Not applicable

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:

Aniline, Phenol, Isocyanates, Acid anhydrides, Acids, Strong bases, Strong oxidizing agents, Amines, Peroxides

10.6 Hazardous decomposition products:

None known

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 considered to be a skin irritant
Serious eye damage/irritation:	May cause eye irritation
Respiratory or skin sensitisation:	May cause sensitisation by inhalation
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
Potential health effects:	Inhalation of dusts may cause respiratory irritation
Other information:	None known

SECTION 12:
Ecological Information

12.1 Toxicity - Ingredient(s):

This material is not expected to be harmful to aquatic life

12.2 Persistence and degradability:

None known

12.3 Bioaccumulative potential:

No data available

12.4 Mobility in soil:

Not applicable

12.5 Results of PBT and vPvB assessment:

No data available

12.6 Other adverse effects:

None known

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/IATA	n/a	Not regulated	n/a	n/a	No (IMDG: Marine pollutant: No)

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

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 and 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 them-self 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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