



INVENTED TO LAST

كيماويات السعودية

Saudi Chem

# SC 60-VLP

Drilling Lubricant

## MATERIAL SAFETY DATA SHEET

### SECTION 1:

Identification of the Substance/  
Mixture and the Company/  
Undertaking

#### 1.1 Product identifier:

**Name:** SC 60-VLP  
**Description:** Drilling Lubricant

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

**Uses:** Oil and gas industry lubricant  
**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:** No signal word required

**Hazard statement(s):**  
No hazard statements required

**Precautionary statement(s):**  
None

#### 2.3 Other hazards:

None Known

### SECTION 3:

Composition/Information on  
Ingredients

#### 3.2 Mixtures:

Natural oil derived product

Ingredients	% by weight	CAS/EU number	Classification Directive 1999/45/EC	Classification Regulation (EC) 1272/2008
			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

**Eye contact:** Immediately flood the eye with plenty of water, holding the eye open

### 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 app

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### 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:

Use personal protective equipment (see section 8)

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

Keep in original containers

### SECTION 8: Exposure Controls/Personal Protection

#### 8.1 Control parameters:

No data available on mixture. Note: In this case the information in heading 8 is not required

**Monitoring procedures:** None specified

#### 8.2 Exposure controls:

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

**Respiratory protection:** Not required

**Eye Protection:** Tightly fitting safety goggles.

**Skin protection:** Choose body protection in relation to its type, to the concentration and amount of dangerous substances/ mixtures, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance/mixture 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.

### SECTION 9: Physical and Chemical Properties

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

**Appearance:** Liquid, amber  
(physical state, colour etc.)

**Odour:** Natural oil

**Odour threshold:** Not determined

**pH:** 6 to 8

**Melting/freezing point:** < -20°C

**Initial boiling point and boiling range:** 180 - 390°C

**Flash point:** >60°C

**Evaporation rate:** Not determined

**Flammability (solid, gas):** Not determined

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### Upper/lower flammability

or explosive limits:	Not determined
Vapour pressure:	Not determined
Vapour density:	Not determined
Relative density at 20°C:	0.9 to 1.0 gm/cc
Solubility (ies):	Soluble in solvent / Dispersible in water
Partition coefficient:	Not determined
Auto-ignition temperature:	>250°C
Decomposition temperature:	Not determined
Viscosity at 20°C:	<100 cps

### 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

### 11.1 Information on toxicological effects:

No data available on mixture.

**Acute toxicity:** No data available

**Skin corrosion/irritation:** Not expected to cause skin irritation

**Serious eye damage/irritation:** Not expected to cause eye irritation

**Respiratory or skin sensitisation:** Not expected to cause respiratory or skin sensitisation

**Germ cell mutagenicity:** Not expected to cause heritable genetic effects

**Carcinogenicity:** Not expected to cause cancer

**Reproductive toxicity:** Not expected to cause reproductive toxicity

**STOT – single exposure:** Not expected to cause organ effects after a single exposure

**STOT – repeated exposure:** Not expected to cause organ effects after a repeated exposure

**Aspiration hazard:** Not expected to cause aspiration hazards

**Symptoms relating to physical, chemical and toxicological characteristics:**

**Other information:** None known

### 12.1 Toxicity:

No data available on mixture. Data provided is based on individual ingredient(s)

### 12.2 Persistence and degradability:

None known

### 12.3 Bioaccumulative potential:

No data available

**12.4 Mobility in soil:** No data available

### 12.5 Results of PBT and vPvB assessment:

No data available

### 12.6 Other adverse effects:

None anticipated

## SECTION 10:

Stability and Reactivity

## SECTION 11:

Toxicological Information

## SECTION 12:

Ecological Information

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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	Other information
ADR		Not regulated				
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:

Not applicable

#### 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)

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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