**SDS no.** PID1529

Version 3

Revision date 06-Nov-2019 Supersedes Date: 17-Nov-2015



# Safety Data Sheet SPERSENE\*

# 1. Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Product name SPERSENE\*
Product code PID1529

**Country Limitations** This SDS is not for use in EU/EEA.

## 1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended Use Deflocculant. Temperature stabilizer. Filtration-control.

Uses advised against Consumer use

### 1.3 Details of the supplier of the safety data sheet

### **Supplier**

M-I Drilling Fluids UK Limited Westhill Business Park Westhill AB32 6JL Aberdeenshire Scotland United Kingdom

+47 51577424

SDS@slb.com

### 1.4 Emergency Telephone Number

Emergency telephone - (24 Hour) Australia +61 2801 44558, Asia Pacific +65 3158 1074, China +86 10 5100 3039, Europe +44 (0) 1235 239 670, Middle East and Africa +44 (0) 1235 239 671, New Zealand +64 9929 1483, USA 001 281 561 1600

# 2. Hazards Identification

### 2.1 Classification of the substance or mixture

**GHS Classification** 

Health hazards Not classified

Environmental hazards Not classified

Physical Hazards Not classified

### 2.2 Label elements

Signal word



\_\_\_\_\_

None

### **Hazard Statements**

This product is not classified as hazardous therefore no (H) hazard statements assigned.

### **Precautionary statements**

This product is not classified as hazardous therefore has no (P) precautionary statements assigned.

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Contains
Organic mineral

### 2.3 Other hazards

Not classified as PBT/vPvB by current EU criteria

# 3. Composition/information on Ingredients

#### 3.1 Substances

Not applicable

Chemical Name	EC No	CAS No	Weight-%
@NAME	Listed	Proprietary	60-100

### 3.2 Mixtures

# 4. First Aid Measures

## 4.1 First aid measures

**Inhalation** If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation

develops or if breathing becomes difficult.

Ingestion Rinse mouth. Do not induce vomiting without medical advice. Never give anything by mouth

to an unconscious person. Get medical attention if symptoms occur.

**Skin contact** Wash skin thoroughly with soap and water. Get medical attention if irritation persists.

**Eye Contact** Promptly wash eyes with lots of water while lifting eye lids. Remove contact lenses, if

present and easy to do. Continue rinsing. Get medical attention if any discomfort continues.

### 4.2. Most important symptoms and effects, both acute and delayed

General advice The severity of the symptoms described will vary dependant of the concentration and the

length of exposure. If adverse symptoms develop, the casualty should be transferred to

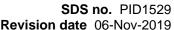
hospital as soon as possible.

**Symptoms** 

**Inhalation** Please see Section 11. Toxicological Information for further information.

**Ingestion** Please see Section 11. Toxicological Information for further information.

**Skin contact** Please see Section 11. Toxicological Information for further information.





Eye contact

Please see Section 11. Toxicological Information for further information.

### 4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician Treat symptomatically.

# 5. Fire-Fighting Measures

## 5.1 Extinguishing media

# Suitable extinguishing media

Water Fog, Alcohol Foam, CO2, Dry Chemical.

### Extinguishing media which must not be used for safety reasons

Do not use water jet.

### 5.2. Special hazards arising from the substance or mixture

### Unusual fire and explosion hazards

None known.

### **Hazardous combustion products**

Fire or high temperatures create: Carbon oxides (COx), Sulfur oxides, Chromium fumes.

# 5.3 Advice for firefighters

### Special protective equipment for fire-fighters

As in any fire, wear self-contained breathing apparatus and full protective gear.

### **Special Fire-Fighting Procedures**

Containers close to fire should be removed immediately or cooled with water.

### 6. Accidental Release Measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. See also section 8.

# 6.2 Environmental precautions

The product should not be allowed to enter drains, water courses or the soil.

### **Environmental exposure controls**

Avoid release to the environment. Local authorities should be advised if significant spillages cannot be contained.

### 6.3 Methods and material for containment and cleaning up

### **Methods for containment**

Cover powder spill with plastic sheet or tarp to minimize spreading. Prevent further leakage or spillage if safe to do so.

# Methods for cleaning up

Sweep up and shovel into suitable containers for disposal. After cleaning, flush away traces with water.

### 6.4 Reference to other sections

See section 13 for more information.



# 7. Handling and Storage

### 7.1 Precautions for safe handling

### Handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes. Avoid dust formation.

### **Hygiene Measures**

Use good work and personal hygiene practices to avoid exposure. When using do not eat, drink, smoke, sniff Wash hands and face before breaks and immediately after handling the product Remove contaminated clothing

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

Storage precautions Keep containers tightly closed in a dry, cool and well-ventilated place Protect from moisture

Avoid contact with: Strong oxidizing agents

Storage class Chemical storage.

**Packaging materials**Use specially constructed containers only.

# 8. Exposure Controls/Personal Protection

### 8.1 Control parameters

Exposure limits Contains no substances with occupational exposure limit values

#### **Component Information**

Chemical Name	Arabic	Australia	Egypt
Organic mineral	Not determined	Not determined	Not determined
Chemical Name	India	Indonesian	Japan
Organic mineral	Not determined	Not determined	Not determined
Chemical Name	Kazakhstan	Kuwait	New Zealand
Organic mineral	Not determined	Not determined	Not determined
Chemical Name	Malaysia	Philippines	Russia
Organic mineral	Not determined	Not determined	Not determined
Chemical Name	Thailand	Vietnam	Turkey
Organic mineral	Not determined	Not determined	Not determined

### 8.2 Exposure controls

All chemical Personal Protective Equipment (PPE) should be selected based on an assessment of both the chemical hazard present and the risk of exposure to those hazards. The PPE recommendations below are based on an assessment of the chemical hazards associated with this product. Where this product is used in a mixture with other products or fluids, additional hazards may be created and as such further assessment of risk may be required. The risk of exposure and need of respiratory protection will vary from workplace to workplace and should be assessed by the user in each situation.

### **Engineering Controls**

Ensure adequate ventilation

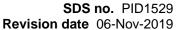
Personal protective equipment

Eye protection

Use eye protection according to EN 166, designed to protect against powders and dusts

Safety glasses with side-shields Tightly fitting safety goggles

**Hand protection**Wear chemically resistant gloves (tested to EN 374) in combination with 'basic' employee training Use protective gloves made of: Nitrile Neoprene Frequent change is advisable





ventilation wear suitable respiratory equipment Suitable mask with particle filter P3

(European Norm 143) At work in confined or poorly ventilated spaces, respiratory protection

with air supply must be used.

**Skin and body protection**Wear suitable protective clothing Eye wash and emergency shower must be available at the

work place.

Hygiene Measures Wash hands before eating, drinking or smoking Remove and wash contaminated clothing

before re-use







### 8.2.3 Environmental exposure controls

**Environmental exposure**Use appropriate containment to avoid environmental contamination See section 6 for more

information

# 9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Physical stateSolidAppearancePowder DustOdorOdorlessColorDark brownOdor thresholdNot applicable

<u>Property</u> <u>Values</u> <u>Remarks</u>

pH No information available

pH @ dilution 2.8 - 4 1%

Melting / freezing point No information available

Melting / freezing point

Boiling point/range

No information available

No information available

Flash point 154 °C / 309 °F PMCC Evaporation rate (BuAc =1) No information available

Evaporation rate (BuAc =1) No information available Flammability (solid, gas) Not applicable

Flammability Limit in Air
Upper flammability limit Not applicable

Lower flammability limitNot applicableVapor pressureNo information available

Vapor density

No information available

Specific gravity 1.2 - 1.4

Bulk density 590 kg/m³ / 37 lb/ft³
Relative density No information available
Water solubility Soluble in water

Solubility in other solvents
Autoignition temperature
Decomposition temperature
Kinematic viscosity
Dynamic viscosity
Log Pow

No information available

**Explosive properties**Not applicable **Oxidizing properties**None known.





9.2 Other information

Pour pointNo information availableMolecular weightNo information available

VOC content(%) None

**Density** No information available

### Comments

The data listed above are typical physical and chemical properties and should not be construed as product specification.

# 10. Stability and Reactivity

### 10.1 Reactivity

No specific reactivity hazards associated with this product.

## 10.2 Chemical stability

Stable under normal temperature conditions and recommended use.

# 10.3 Possibility of Hazardous Reactions

### Hazardous polymerization

Hazardous polymerization does not occur.

### 10.4 Conditions to avoid

Protect from moisture.

### 10.5 Incompatible materials

Strong oxidizing agents.

# 10.6 Hazardous decomposition products

See Section 5.2.

# 11. Toxicological Information

# 11.1 Information on toxicological effects

**Acute toxicity** 

**Inhalation** Inhalation of dust in high concentration may cause irritation of respiratory system.

**Eye contact** Dust may cause mechanical irritation.

**Skin contact** Prolonged contact may cause redness and irritation.

**Ingestion** Ingestion may cause stomach discomfort.

Unknown acute toxicity Not applicable.

### Toxicology data for the components

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Organic mineral	No data available	No data available	No data available





**Sensitization** This product does not contain any components suspected to be sensitizing.

**Mutagenic effects** This product does not contain any known or suspected mutagens.

Carcinogenicity This product does not contain any known or suspected carcinogens.

**Reproductive toxicity**This product does not contain any known or suspected reproductive hazards.

Routes of Exposure None known.

Routes of entry No route of entry noted.

Specific target organ toxicity -

Single exposure

Not classified

Specific target organ toxicity -

Repeated exposure

Not classified.

Aspiration hazard Not applicable.

Other information Key literature references and sources for data. See Section 16 for more information.

# 12. Ecological Information

### 12.1 Toxicity

The product component(s) are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

The product may affect the acidity (pH-factor) in water with risk of harmful effects to aquatic organisms.

### Toxicity to algae

This product is not considered toxic to algae.

### Toxicity to fish

This product is not considered toxic to fish.

# Toxicity to daphnia and other aquatic invertebrates

This product is not considered toxic to invertebrates.

**Toxicology data for the components** 

Tokioology data for the compensate				
	Chemical Name	Toxicity to fish	Toxicity to algae	Toxicity to daphnia and other
				aquatic invertebrates
	Organic mineral	No information available	No information available	No information available

## 12.2 Persistence and degradability

No product level data available.

# 12.3 Bioaccumulative potential

No product level data available.



### 12.4 Mobility

### **Mobility**

Soluble in water.

### Mobility in soil

No information available.

## 12.5 Results of PBT and vPvB assessment

Not classified as PBT/vPvB by current EU criteria.

### 12.6 Other adverse effects.

None known.

### 12.7 Other information

Key literature references and sources for data. See Section 16 for more information.

# 13. Disposal considerations

### 13.1 Waste treatment methods

Waste from residues/unused

products

Dispose of in accordance with local regulations.

Contaminated packaging Empty containers should be taken for local recycling, recovery or waste disposal.

# 14. Transport information

# 14.1. UN number

Not regulated

### 14.2. UN proper shipping name

The product is not covered by international regulation on the transport of dangerous goods

# 14.3 Hazard class(es)

ADR/RID/ADN/ADG Hazard class
IMDG/ANTAQ Hazard class
ICAO/ANAC Hazard class/division
Not regulated
Not regulated

### 14.4 Packing group

ADR/RID/ADN/ADG Packing group
IMDG/ANTAQ Packing group
ICAO/ANAC Packing group
Not regulated
Not regulated

# 14.5 Environmental hazard

No



### 14.6 Special precautions

Not applicable

## 14.7 Transport in bulk according to Annex I/II of MARPOL 73/78 and the IBC Code

Please contact SDS@slb.com for info regarding transport in Bulk.

# 15. Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

This safety data sheet complies with the requirements of:

The Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

### International inventories

**USA (TSCA)** Complies Complies Canada (DSL) Complies **Philippines (PICCS)** Japan (ENCS) Complies China (IECSC) Does not comply Australia (AICS) Complies Complies Korean (KECL)

Does not comply New Zealand (NZIoC)

This SDS is not for use in EU/EEA.

# 16. Other Information

Prepared by Global Regulatory Compliance - Chemicals (GRC - Chemicals), Anne Karin (Anka) Fosse

17-Nov-2015 **Supersedes Date:** 

**Revision date** 06-Nov-2019

Version

This SDS has been revised in the

All sections. No changes with regard to classification have been made. Updated according

to GHS/CLP. following section(s)

### Key literature references and sources for data

www.ChemADVISOR.com

Supplier

National Chemical Inventories National regulatory information National occupational exposure limits





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#### Disclaime

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