

Substance key: SC0000104939

Revision Date: 10.09.2015

Version : 1 - 1 / SGP

Date of printing : 14.01.2016

1. Identification of the substance/preparation and company

Trade name**SC MUD P****Material number:** 246357**Use of the substance/preparation.**

Type of use : Application in, and as an aid for,
 - Building industry
 Additive for sealing systems
 Additive for oil drillings

Identification of the company

Clariant South East Asia Pte. Ltd.

1 International Business Park #08-01-04 The Synergy
609917 Singapore
Telephone no. : +65 6563 0288

Information about the substance/preparation

Business Unit Functional Minerals
Product Stewardship

Emergency telephone number : 00800-5121 5121

2. Hazard identification

Classification of the substance or mixture

Not a dangerous substance according to GHS.
Not a hazardous substance or mixture.

GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

Pictograms - Hazard symbols**Other hazards which do not result in classification**

The product builds high-viscous solutions with water (slide risk!).

3. Composition/information on ingredients

Chemical characterization

Anionic water soluble polymer

CAS number : 25987-30-8

4. First aid measures

General information

none

After inhalation

Move to fresh air.

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After contact with skin

Wash off immediately with soap and plenty of water.

After contact with eyes

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

After ingestion

Rinse mouth.

Most important symptoms/effects, acute and delayed**Symptoms**

There are no acute and delayed symptoms and effects observed.

Hazards

No information available.

Indication of immediate medical attention and special treatment needed

Treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing media

The product itself does not burn.

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Extinguishing media that must not be used for safety reasons

Do not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical

In case of fire hazardous decomposition products may be produced such as:

Nitrogen oxides (NO_x)**Special protective equipment and precautions for fire fighters**

In the event of fire, wear self-contained breathing apparatus.

Further information

Standard procedure for chemical fires.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.

Avoid dust formation.

Use personal protective equipment.

Avoid contact with skin, eyes and clothing.

Environmental precautions

Do not flush into surface water or sanitary sewer system.

Methods and materials for containment and cleaning up

Take up uncontaminated material and pass on for further processing.

Take up contaminated material by mechanical means, load into clean containers, and dispose of in accordance with legal regulations.

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Additional information

Avoid dust formation.

7. Handling and storage**Precautions for safe handling**

Avoid formation of dust and aerosols.

Handle with care to avoid abrasion or breakage.

Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep tightly closed in a dry and cool place.

Advice on storage compatibility

No materials to be especially mentioned.

Further information on storage conditions

Keep in a dry place.

Storage stability

Stable under recommended storage conditions.

8. Exposure controls/personal protection**Appropriate engineering controls**

Provide appropriate exhaust ventilation at machinery and at places where dust can be generated.

Hygiene measures

Wash off with warm water and soap.

Eye/face protection :

Safety glasses

Skin/Hand protection :

Chemical-resistant protective gloves according to EN 374, EN 388, EN 420.

Respiratory protection :

Half mask with a particle filter P2 (EN 143)

Thermal hazards / Body protection :

not required under normal use

9. Physical and chemical properties**Form :**

granular

Colour :

white

Odour :

none

Odour threshold :

Not relevant

pH value :

6 - 8 (5 g/l)

Method : solution

Melting point :

not determined

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Boiling point :	Not applicable
Sublimation point :	not determined
Flash point :	Not applicable
Evaporation rate :	Not applicable
Oxidizing properties :	not tested.
Self-ignition temperature :	not tested.
Lower explosion limit :	not tested.
Upper explosion limit :	not tested.
Vapour pressure :	Not applicable
Density :	not tested.
Relative Density:	not tested.
Bulk density :	0.6 - 0.9 g/cm ³
Vapour density in relation to air :	Not applicable
Solubility in water :	soluble
Miscibility with water :	not tested.
Soluble in ... :	not tested.
Solubility/qualitative :	not tested.
Octanol/water partition coefficient (log Pow) :	not determined
Auto-ignition temperature :	Not applicable
Viscosity (dynamic) :	1,100 - 1,400 mPa.s Method : Brookfield 0,5 % solution
Viscosity (kinematic) :	Not applicable
Viscosity (Efflux time) :	Not applicable
Combustion number :	not determined

10. Stability and reactivity

Chemical stability:

No decomposition if stored and applied as directed.

Possibility of hazardous reactions

Reactions with oxidising agents.

Conditions to avoid

Avoid dust formation.

Keep away from heat.

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Incompatible materials

Acids and bases

Hazardous decomposition products

No decomposition if stored and applied as directed.

In case of fire hazardous decomposition products may be produced such as:
see heading 5

11. Toxicological information

Information related to the product itself:

Acute oral toxicity : LD50 > 5,000 mg/kg (Rat)

Acute inhalation toxicity : no data available

Acute dermal toxicity : no data available

Skin corrosion/irritation : No skin irritation (Rabbit)

Serious eye damage/irritation: No eye irritation
Method : Draize Test

Respiratory or skin sensitization : non-sensitizing (Guinea pig)

Remarks

No data is available on the product itself.

Handle in accordance with good industrial hygiene and safety practice.

12. Ecological information

Information related to the product itself:

Biodegradability : Not biodegradable

Bioaccumulation: none

Fish toxicity : LC50 > 100 mg/l (96 h, Brachydanio rerio (zebrafish))
Method : OECD Test Guideline 203

Daphnia toxicity : EC0 > 100 mg/l (48 h, Daphnia magna (Water flea))
Method : OECD Test Guideline 202

Algae toxicity : EbC50 > 100 mg/l (72 h, Desmodesmus subspicatus (Scenedesmus subspicatus))
Method : OECD Test Guideline 201

Remarks

slightly water endangering

13. Disposal considerations

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Product

Can be landfilled, when in compliance with local regulations.
Contact waste disposal services.

Uncleaned packaging

Dispose of as unused product.

14. Transport information

IATA	not restricted
IMDG	not restricted

15. Regulatory information**Safety, health and environmental regulations specific for the product in question****Other regulations**

Apart from the data/regulations specified in this chapter, no further information is available concerning safety, health and environmental protection.

16. Other information

This information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. Clariant makes no warranties, express or implied, as to the information's accuracy, adequacy, sufficiency or freedom from defect and assumes no liability in connection with any use of this information. Any user of this product is responsible for determining the suitability of Clariant's products for its particular application. Nothing included in this information waives any of Clariant's General Terms and Conditions of Sale, which control unless it agrees otherwise in writing. Any existing intellectual/industrial property rights must be observed. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change. Material Safety Data Sheets providing safety precautions, that should be observed when handling or storing Clariant products, are available upon request and are provided in compliance with applicable law. You should obtain and review the applicable Material Safety Data Sheet information before handling any of these products. For additional information, please contact Clariant.