

**SC GSTP**

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Substance key: SC0000904643

Revision Date: 17.12.2013

Version : 1 - 2 / SGP

Date of printing : 29.01.2016

**1. Identification of the substance/preparation and company**

**Trade name**  
**SC GSTP**

**Material number:** 259431

**Use of the substance/preparation.**

Type of use : Additive for building materials

**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**

**GHS label elements, including precautionary statements**

The product does not require classification and labelling as hazardous according to CLP/GHS.

**Pictograms - Hazard symbols**

**Other hazards which do not result in classification**

The product builds high-viscous solutions with water (slide risk!).  
Dust may form an explosive mixture in contact with air.

**3. Composition/information on ingredients**

**Chemical characterization**

**CAS number :** 9004-32-4

**4. First aid measures**

**General information**

none

**After inhalation**

Move to fresh air.

**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.

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### 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

Dry powder

Foam

Carbon dioxide (CO<sub>2</sub>)

### 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 can be formed: carbon monoxide, carbon dioxide (CO<sub>2</sub>)

### 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.

Cool containers / tanks with water spray.

## 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.

### Additional information

see point 8, 13

Avoid dust formation.

## 7. Handling and storage

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**Precautions for safe handling**

Avoid dust formation.

Keep away from sources of ignition - No smoking.

**Advice on protection against fire and explosion**

In case of inappropriate handling - risk of dust explosion

In the event of fire, hazardous fumes can be build up.

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

Keep container tightly closed and dry.

**Advice on storage compatibility**

Take precautionary measures against static discharges.

**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 :** Protective gloves complying with EN 374.**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, powder**Colour :** off-white**Odour :** none**Odour threshold :** cannot be determined**pH value :** 6.5 - 8.5  
Method : Aqueous solution**Melting point :** not determined**Boiling point :** not applicable**Sublimation point :** not determined**Flash point :** not applicable**Evaporation rate :** not applicable**Oxidizing properties :** not tested.

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<b>Self-ignition temperature :</b>	170 °C
<b>Lower explosion limit :</b>	not tested.
<b>Upper explosion limit :</b>	not tested.
<b>Vapour pressure :</b>	not applicable
<b>Density :</b>	1.59 g/cm <sup>3</sup>
<b>Relative Density:</b>	not tested.
<b>Bulk density :</b>	500 - 1,000 kg/m <sup>3</sup>
<b>Vapour density in relation to air :</b>	not applicable
<b>Solubility in water :</b>	soluble
<b>Miscibility with water :</b>	not tested.
<b>Soluble in ... :</b>	not tested.
<b>Solubility/qualitative :</b>	not tested.
<b>Octanol/water partition coefficient (log Pow) :</b>	not determined
<b>Auto-ignition temperature :</b>	360 °C
<b>Viscosity (dynamic) :</b>	ca. 30 mPa.s (20 °C) 2 % solution
<b>Viscosity (kinematic) :</b>	not applicable
<b>Viscosity (Efflux time) :</b>	not applicable
<b>Combustion number :</b>	BZ5 Complete combustion with flames

**10. Stability and reactivity****Chemical stability:**

No decomposition if stored and applied as directed.

**Possibility of hazardous reactions**

None known.

**Conditions to avoid**

Avoid temperatures above 250 °C.

Avoid dust formation.

Keep away from sources of ignition - No smoking.

**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

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**11. Toxicological information****Information related to the product itself:**

**Acute inhalation toxicity :** LC50 > 5,800 mg/l (rat)  
**Acute dermal toxicity :** LC50 > 2,000 mg/kg (rabbit)  
**Skin corrosion/irritation :** No skin irritation (4 h, rabbit)  
Method : OECD Test Guideline 404

**12. Ecological information****Information related to the product itself:**

**Biodegradability :** not rapidly biodegradable  
**Bioaccumulation:** none  
**Fish toxicity :** LC50 > 100 mg/l (96 h, Oncorhynchus mykiss (rainbow trout))  
**Chemical oxygen demand (COD) :** 900 mg/g  
Method : H 41/DIN 38409  
**Biochemical oxygen demand (BOD5) :** 0 mg/l  
Method : H 51/DIN 38409

**Remarks**  
none

**13. Disposal considerations****Product**

Contact waste disposal services.  
Dispose of as hazardous waste in compliance with local and national regulations.

**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

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**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.