



## Kieselsol clarifier Vinfoerm

### 1 Identification of the substance/preparation and of the company/undertaking

#### 1.1 Identification of the substance or preparation

Alkaline, transparent special silica sol for clarification/fining

**Artikelnummer / Art.-no.**

005.050.0 - 005.054.2

#### 1.2 Use of the substance / preparation

##### 1.2.1 Identified use(s)

**Industry / Professional:** According to the specifications.

**Private:** None.

#### 1.3 EC market responsible person

##### 1.3.1 Company/undertaking identification

Brouwland bvba, Korpelsesteenweg 86, 3581 Beverlo, Belgium

Tel.: +32(0)11 40 14 08

e-mail: info@brouwland.com

##### 1.3.2 Emergency telephone:

Tel: +32(0)11 40 14 08. This number is serviced during office hours from Monday-Friday.

### 2 Hazards identification

#### 2.1 Classification:

The preparation is not dangerous in the sense of EU legislation.

#### 2.2 Other hazard(s):

No special remarkable hazards for human and environment.

### 3 Composition/information on ingredients

#### 3.1. Chemical characterization (substance)

**Chemical name:** : Colloidal suspension of amorphous silicon dioxide stabilised in an alkaline medium. SiO<sub>2</sub>-content [CAS-no.:7631-86-9],(EINECS-no.:231-545-4) approx. 30 %.

**Synonyme(s):** ---.

**Hazard(ous) symbol(s):**

**H-phrases:** None.

**Hazard(ous) ingredients / impurity(ies):**

Aluminium oxide, CAS no.1344-28-1 < 0.1 %.

#### 3.2. Additional information:

No additional information.

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## 4 First aid measures

### 4.1 General informations

No special measures are necessary.

### 4.2 In case of inhalation

No special measures are necessary.

### 4.3 In case of skin contact

Wash off with water and soap.

### 4.4 In case of eye contact

In case of contact with eyes, rinse immediately thoroughly with plenty of water and consult an ophthalmologist.

### 4.5 In case of ingestion

If swallowed immediately drink water.

### 4.6 Self-protection of the first aider

First aider: Pay attention to self-protection!

## 5 Fire-fighting measures

### 5.1 Suitable extinguishing media

Suitable extinguishing media: water, carbon dioxide (CO<sub>2</sub>), foam, extinguishing powder.

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

Co-ordinate fire-fighting measures to the fire surroundings.

### 5.3 Special exposure hazards

No special hazards.

### 5.4 Special protective equipment for fire-fighters

Wear full protective clothing.

## 6 Accidental release measures

### 6.1 Personal precautions

None.

### 6.2 Umweltschutzmaßnahmen / Environmental precautions

No special environmental measures are necessary.

### 6.3 Methods for cleaning up

Take up by liquid-absorbing material (e.g. sand, kieselguhr, acid binding agent, universal binder, sawdust) and dispose of appropriately.

### 6.4 Additional information

No additional information.

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## 7 Handling and Storage

### 7.1. Handling

Working places should be designed to allow cleaning at any time.

### 7.2. Storage / storage conditions

Store in a dry, well-ventilated place, protected from foreign odours.

### 7.3. Specific use(s)

See product leaflet.

## 8 Exposure controls / Personal protection

### 8.1. Exposure limit values

No substance related limit value available.

### 8.2. controls

#### 8.2.1. Occupational exposure controls.

##### a) Occupational exposure controls

When exposed to aerosols, use respiratory protection.

##### b) Hand protection

Suitable gloves are recommended.

##### c) Eye protection

Safety glasses are recommended.

#### Additional protection measures:

When using do not eat, drink, smoke, sneeze.

#### 8.2.2. Environmental exposure controls

See section 7. No additional measures necessary.

#### 8.2.3. Substance control in consumer or downstream products

No special measures necessary.

## 9 Physical and chemical Properties

### 9.1 Erscheinungsbild / Appearance

**Form / Physical state:** Liquid.

**Farbe / Colour:** Opalescent.

**Geruch / Smell:** Neutral.

### 9.2 Wichtige Angaben zum Gesundheits- und Umweltschutz sowie zur Sicherheit / Important health, safety and environmental information

**Schüttgewicht / Bulk density:** Not applicable.

**Dichte / density:** 1.15 - 1.22 g/cm<sup>3</sup>.

**pH-Wert (20 °C) / pH-value:** 9 - 10.5

**Schmelzpunkt / Melting point :** Not applicable.

**Siedepunkt / Boiling temperature :** Approx. 100 °C.

**Selbstentzündlichkeit / Autoignition ::** No self-ignition.

**Explosionsgefahr / Explosive properties:** Not applicable.

**Wasserlöslichkeit / Water solubility:** Product can be mixed with water in any ratio.

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**10 Stability and Reactivity****10.1 Conditions to avoid**

No data available.

**10.2 Materials to avoid**

No data available.

**10.3 Hazardous decomposition products**

None – in case of appropriate handling.

**11 Toxicological information****11.1 Toxicokinetics, metabolism and distribution**

According to the present state of knowledge toxic effects are not expected. Oral toxicity (rabbits) > 2000 mg/kg.

**11.2 Acute Effects (acute toxicity, Irritant and corrosive effects)**

According to the present state of knowledge acute toxic effects are not expected.

**12 Ecological information****12.1 Ecotoxicity**

According to the present state of knowledge negative ecological effects are not expected.

**12.2 Mobility**

According to the present state of knowledge negative ecological effects are not expected.

**12.3 Persistence and degradability**

Anorganic substance.

**12.4 Bioaccumulative potential**

No indication to bioaccumulation potential.

**12.5 Results of PBT assessment**

This substance does not meet the criteria for classification as PBT or vPvB..

**12.6 Other adverse effects**

According to the present state of knowledge negative ecological effects are not expected..

**13 Disposal considerations****13.1 Abfall (Produkt) / Appropriate disposal / product**

Dispose of waste according to applicable local, state, and federal regulations.

**Recommendation**

None.

**13.2 Appropriate disposal / packaging**

Dispose of waste according to applicable local, state, and federal regulations.

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**14 Transport information****14.1 Land transport (ADR/RID)**

No dangerous good in the sense of this transport regulation.

**14.2 See (IMDG), Binnen (A.D.N.R.)**

No dangerous good in the sense of this transport regulation..

**14.3 Air transport (IATA)**

No dangerous good in the sense of this transport regulation.

**15 Regulatory information****15.1 EU-Regulations**

**according to GHS - regulation (EC) 1272/2008**

**hazard symbol(s) and labelling of the product**

Not required.

**Hazard(ous) component(s) for labelling:**

Not applicable.

**H-phrases:** Not required.

**P-phrases:** Not required.

**15.2 Chemical Safety Assessment**

For this product a chemical safety assessment was not carried out.

Special provisions concerning the labelling of certain preparations

Please adhere to EU legislation.

**15.3 National regulations**

**Water hazard class (WGK):** nwg (non-water polluting substance).

**16 Other information**

**16.1 Relevant H-phrases under section 3 (Number and full text):** None.

**16.2 Training instructions:** None.

**16.3 Further information:** Please refer to our internet website for more information..

With the information given, which complies with our present knowledge and experience, we would like to describe our products in view of possible safety requirements, however we do not combine any warranty of product property or quality. Laws and regulations currently in force, have to be adhered to by the user.

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

*Revised: 03/2015*