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## SAFETY DATA SHEET

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

#### 1.1 Product identifier

Product Name: SILICA NO.2  
Datasheet Number: 729558-Part2R 1. 0. 0  
Product Part Number: 729558  
Head Office:: Wilhelmsen Ships Service AS  
Address: Strandveien 20, N1324 Lysaker, Norway, Tel:(+47) 67 584550

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

##### Reagent

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

Name of Supplier: For quotations contact your local Customer Services  
Address of Supplier: Wilhelmsen Ships Service AS  
Willem Barentszstraat 50  
3165AB Rotterdam  
+31 4877 888  
The Netherlands  
Telephone: +31 4877 777  
Fax:  
Responsible Person: , Product HSE Manager, Tel.: +31 10 4877775  
Email: WSS.GLOBAL.SDSINFO@wilhelmsen.com

#### 1.4 Emergency telephone number

-ONLY TO BE USED IN CASE OF AN INCIDENT-  
NCEC: +44 1865 407333, CHEMTREC (800) 424 9300  
American Chemistry Council +1 703 527 3887,  
Greece +30 210 7793777  
Australia: +61 3 9630 0998  
Giftinformasjonssentralen in Norway Tel.: +47 22591300

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### 2 Hazards identification

#### 2.1 Classification of the substance or mixture

- Not Classified

#### 2.2 Label elements

- None

#### 2.3 Other hazards

- Odour: Odourless
- Appearance: Tablets, beige

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### 3 Composition/information on ingredients

**3 Composition/information on ingredients (....)**

## 3.1 Mixtures

Chemical Name	Concentration	CAS Number	EC Number	R/H Phrases*	Symbols
Boric acid Repr. Cat.2	2.5-5%	10043-35-3	233-139-2	R60, 61	T
CLP Classification: Repr. 1B				H360	GHS08

\*See Section 16

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**4 First aid measures**

## 4.1 Description of first aid measures

- IF ON SKIN: Wash with plenty of soap and water.
- Seek medical attention if irritation persists
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- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Seek immediate medical attention
- 
- IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
- When in doubt or symptoms persist, seek medical attention
- 
- IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
- When in doubt or symptoms persist, seek medical attention

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

- In cases of severe exposure, redness and irritation may develop

4.3 Indication of immediate medical attention and special treatment needed

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**5 Fire-fighting measures**

## 5.1 Extinguishing media

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

## 5.2 Special hazards arising from the substance or mixture

- Decomposition products may include sulphur oxides
- Decomposition products may include nitrogen oxides

## 5.3 Advice for firefighters

- Wear chemical protection suit and positive-pressure breathing apparatus
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**6 Accidental release measures**

## 6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8
-

## **6 Accidental release measures (....)**

### 6.2 Environmental Precautions

- Avoid release to the environment.

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

- Remove by mechanical means
- Ventilate area

### 6.4 Reference to other sections

- None
- 

## **7 Handling and storage**

### 7.1 Precautions for safe handling

- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Ensure adequate ventilation
- Eyewash bottles should be available
- Handle and open container with care (S18)

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

- Keep only in the original container in a cool, well ventilated place away from heat (S3/9/14/49)
- Keep away from metals (S14)
- Protect from sunlight.
- Store locked up.

### 7.3 Specific end use(s)

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## **8 Exposure controls/personal protection**

### 8.1 Control parameters

### 8.2 Exposure controls

- No special precautions are required for this product

#### Occupational exposure controls

- Respiratory protection may be required under exceptional circumstances when excessive air contamination exists
- Wear nitrile gloves
- Wear goggles giving complete eye protection



Gloves



Goggles



Respirator

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## **9 Physical and chemical properties**

### 9.1 Information on basic physical and chemical properties

- Odour: Odourless
  - Appearance: Tablets, beige
  - pH 10 g/l at 20C
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## **9 Physical and chemical properties (....)**

- Completely soluble in water

### 9.2 Other information

- None
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## **10 Stability and reactivity**

### 10.1 Reactivity

- This article is considered stable under normal conditions

### 10.2 Chemical stability

- Considered stable under normal conditions

### 10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

### 10.4 Conditions to avoid

- Avoid overheating
- Avoid contact with metals
- Avoid contact with alkalis (strong bases)
- Avoid contact with reducing agents
- Keep away from strong oxidizing substances(S14)

### 10.5 Incompatible materials

- Incompatible with alkalis (strong bases)
- Incompatible with alkali metals
- Incompatible with reducing agents
- Incompatible with oxidizing substances

### 10.6 Hazardous Decomposition Products

- No hazardous decomposition products known
- 

## **11 Toxicological information**

### 11.1 Information on toxicological effects

- LD50 (oral,rat) (Boric acid)-2660 mg/kg
- LD50 (dermal) : (Boric acid) rat->2000 mg/kg

#### Inhalation

- Not applicable

#### Contact with skin

- May cause redness and irritation

#### Contact with eyes

- In cases of severe exposure, redness and irritation may develop

#### Ingestion

- In cases of severe exposure, gastro-intestinal disturbances may develop

#### Carcinogenicity

- No evidence of carcinogenic effects
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## **11 Toxicological information (....)**

Teratogenicity

- No evidence of reproductive effects

Mutagenicity

- No evidence of reproductive effects
- 

## **12 Ecological information**

12.1 Toxicity

12.2 Persistence and degradability

- No information available

12.3 Bioaccumulation Potential

- No information available

12.4 Mobility in soil

- No information available

12.5 Results of PBT and vPvB assessment

12.6 Other Adverse Effects

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## **13 Disposal considerations**

13.1 Waste treatment methods

- Do not discharge into drains or the environment, dispose to an authorised waste collection point

Classification

- EU Waste class: 16-05-09
  - This material and/or its container must be disposed of as hazardous waste
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## **14 Transport information**

14.1 UN Number

- n/a

14.2 UN Proper Shipping Name

- n/a

14.3 Transport hazard class(es)

- n/a

14.4 Packing group

- n/a

14.5 Environmental hazards

- On available data, substance is not harmful to the environment

14.6 Special precautions for user

- Not classified as hazardous for transport

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

- Not applicable
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## **14 Transport information (....)**

Other information

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## **15 Regulatory information**

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

- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.
- SUBSTANCES OF VERY HIGH CONCERN (SVHC) ACCORDING TO REACH, ARTICLE 57:  
Boric acid
- 
- This Safety Data Sheet is provided in compliance with The Dangerous Substances Directive (67/548/EEC)
- Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations
- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.

15.2 Chemical Safety Assessment

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## **16 Other information**

Text of R and S phrase codes used in this safety data sheet:- H360: May damage fertility or the unborn child.; R60: May impair fertility; R61: May cause harm to the unborn child.

The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties

The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications - usage in such may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer

The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents

The most up-to-date version of this MSDS can be found on [www.wilhelmsen.com/shipsservice](http://www.wilhelmsen.com/shipsservice)

### **OTHER CONTACT INFORMATION MAJOR CHEMICAL OFFICES**

For addresses of other Wilhelmsen Ships Service offices, please refer to [www.wilhelmsen.com/shipsservice](http://www.wilhelmsen.com/shipsservice)

Wilhelmsen Ships Service Level 1, 39 Park Street South Melbourne, Vic 3205 Australian Tel:+61 3 9630 0900  
Emergency 24hrs: +61 3 9630 0998

Wilhelmsen Ships Service INC 210 Edgewater Street US-10305 Staten Island New York United States Telephone  
daytime: (+1) 718 815 1310 Fax: (+1) 718 233 3268

Wilhelmsen Ships Service INC 2200 W. Pacific Coast Highway US-90810 Long Beach California, United States  
Tel (+1) 562 624 8888 Fax (+1) 562 624 1011

Wilhelmsen Ships Service INC 701 Ashland Ave. Ashland Center Two, Bay 12 US- 19032 Folcroft Pennsylvania  
United States Tel (+1) 610 586 7801 Fax (+1) 215 701 0646

Wilhelmsen Ships Service INC. 9400 New Century Drive US-77507 Pasadena Texas United States Telephone  
daytime: (+1) 281 867 2000 Fax: (+1) 281 867 2800

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(+44) 1322 282 412 Fax (+44) 1322 284 774

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**16 Other information (....)**

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