

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 16.02.2009

Revision: 16.02.2009

1 Identification of substance:

- **Product details:**
- **Trade name:** *Stor-It*
- **Synonym(s):** *Clinoptilolite*
- **Application of the substance / the preparation:** *Various*
- **Manufacturer / Supplier:**
Melspring International B.V. *Phone: +31 (0) 26 - 38420 - 00*
Arnhemsestraatweg 8 *Fax: +31 (0) 26 - 38420 - 11*
NL-6881 NG Velp
- **E-mail address of the competent person responsible for the Safety Data Sheet:** *sdb@csb-online.de*
- **Informing department:** *Sales / Technics*
- **Emergency information:** *As above or next toxicological information centre*

* 2 Hazards identification

- **Hazard designation:** *void*
- **Information pertaining to particular dangers for man and environment** *void*

* 3 Composition/information on ingredients

- **Chemical characterization:**
- **CAS No. Designation:**
1318-02-1 Zeolites
- **Identification number(s):**
- **EINECS Number:** *215-283-8*

4 First aid measures

- **General information:** *Remove contaminated clothing.*
- **After inhalation:** *Supply fresh air; consult doctor in case of symptoms.*
- **After skin contact:**
Wash with soap and water.
If skin irritation continues, consult a doctor.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
- **After swallowing:**
Rinse out mouth and then drink plenty of water.
In case of persistent symptoms consult doctor.

5 Fire fighting measures

- **Suitable extinguishing agents** *Use fire fighting measures that suit the environment.*
- **For safety reasons unsuitable extinguishing agents** *none*
- **Protective equipment:** *Wear self-contained breathing apparatus.*

* 6 Accidental release measures

- **Person-related safety precautions:**
Ensure adequate ventilation.
Avoid breathing dust.
- **Measures for environmental protection:**
Damp down dust with water spray jet.
Do not allow large quantities of product to reach sewage system or water bodies.

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- **Measures for cleaning/collecting:**
 - Ensure adequate ventilation.
 - Collect mechanically.
 - Send for recovery or disposal in suitable containers.
 - Dispose of the material collected according to regulations.

7 Handling and storage

- **Handling**
- **Information for safe handling:**
 - Ensure good ventilation/exhaustion at the workplace.
 - Prevent formation of dust.
 - Do not breathe dust.
 - Avoid contact with eyes.
 - Avoid long or repeated skin contact.
 - Make sure that all applicable workplace limits are observed.
- **Information about protection against explosions and fires:** The product is not flammable.
- **Storage**
- **Requirements to be met by storerooms and containers:**
 - Observe all local and national regulations for storage of water polluting products.
- **Information about storage in one common storage facility:** Not required
- **Further information about storage conditions:**
 - Store in cool, dry conditions in well sealed containers.
 - Protect from direct sunlight

8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with critical values that require monitoring at the workplace:**
 - Observe all workplace limits for dust:
 - OEL total dust: 10 mg/m³
 - OEL respirable dust: 3 mg/m³
- **Additional information:** The lists that were valid during the compilation were used as basis.
- **Personal protective equipment**
- **General protective and hygienic measures**
 - Instantly remove any contaminated garments.
 - Wash hands during breaks and at the end of the work.
 - Avoid contact with the eyes.
 - Avoid close or long term contact with the skin.
 - Do not breathe dust.
- **Breathing equipment:**
 - Use breathing protection in case of dust formation.
 - If all workplace limits are observed and good ventilation is ensured, no special precautions necessary.
- **Protection of hands:**
 - Protective gloves
 - To avoid skin problems reduce the wearing of gloves to the required minimum.
 - Check the permeability prior to each renewed use of the glove.
 - The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
 - Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.
- **Material of gloves**
 - PVC gloves
 - The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

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- **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Tightly sealed safety glasses
- **Body protection:**
Protective work clothing
Protective clothing should be selected specifically for the working place.

9 Physical and chemical properties:

· General Information

Form:	solid
Colour:	whitish
Smell:	odourless

· Change in condition

Melting point/Melting range: > 1000°C
Boiling point/Boiling range: not determined

· **Flash point:** not applicable

· **Inflammability (solid, gaseous)** Product is not inflammable.

· **Danger of explosion:** Product is not explosive.

· **Density** not determined

· Solubility in / Miscibility with

Water: insoluble

· **Additional information** Further informations please refer to technical data sheet.

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Materials to be avoided:** Strong oxidizing agents
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous products of decomposition:** No dangerous decomposition products known.

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** Dust particles may mechanically irritate the skin.
- **on the eye:** Dust particles may mechanically irritate the eye.
- **Sensitization:** No sensitizing effect known.

12 Ecological information:

- **Information about elimination (persistence and degradability):**
- **Other information:**
Methods for the determination of biodegradability are not applicable to inorganic substances.
- **General notes:** Generally not hazardous for water.

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13 Disposal considerations

- **Product:**
- **Recommendation** Disposal must be made according to official regulations.
- **European waste catalogue:**
Waste disposal key numbers from EWC have to be assigned depending on origin and processing.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **Land transport ADR/RID (cross-border):**

- **ADR/RID Class:** -
- **UN-Number:**
- **Label:** -

- **Maritime transport IMDG-Code:**
- **IMDG Class:** -

- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

- **Transport/Additional information:** Not dangerous according to the above specifications.

15 Regulatory information

- **Designation according to EC guidelines:**
The product has been classified/labelled in accordance with EC Directives / relevant national laws.
- **Safety phrases:**
22 Do not breathe dust.
25 Avoid contact with eyes.
- **National regulations**
- **Decree to be applied in case of technical fault:** -
- **Water hazard class:** Generally not hazardous for water.

16 Other information:

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Reasons for changes:** Changes in classification and labelling
- **Department issuing MSDS:**
C.S.B. GmbH Phone: ++49 - 2151 - 652086-0
Parkstraße 29 Fax: ++49 - 2151 - 652086-9
D-47829 Krefeld
Germany
- **Sources:** These data are based on information submitted by pre-suppliers.
- *** Data compared to the previous version altered.**