

# Material safety Data Sheet

## Applying the Regulation (EG) Nr. 1907/2006

### Water Softener

Effectiv from: 01.06.2015

Version: 005

Substitute the version from: 01.01.2014

## 1. Supplier and product identification

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### 1.1 Product name:

Water Softener

### 1.2 Usage of the product:

Water softener as addition of washing powder

### 1.3 Supplier:

sodasan Wasch- und Reinigungsmittel GmbH

#### Address:

Rudolf – Diesel - Str. 19  
D - 26670 Uplengen – Jübberde

#### Contact for information:

Section product safety  
[mg@sodasan.com](mailto:mg@sodasan.com)

#### Telephone/Telefax/Email:

+49 (0) 4956 40720 / +49 (0) 4956 407299 / [info@sodasan.com](mailto:info@sodasan.com)

### 1.4 Emergency phone:

Poison Information Centre-North (University Medicine Göttingen): **+49(0)551 19240** (24h)

## 2. Hazard identification

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### 2.1 Classification of the mixture:

#### According to 1272/2008

H315; Skin Irrit. 2 - Causes skin irritation.  
H318; Eye Dam. 1 - Causes serious eye damage.

### 2.2 Label elements:

#### CLP-Label elements:

#### Hazard pictogram:



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**Signal word:**

danger

**Warnings:**

H315; Skin Irrit. 2 - Causes skin irritation.  
H318; Eye Dam.1 - Causes serious eye damage.

**Prevention:**

P102 – Keep out of reach of children.  
P301/312 – IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P302/352 – IF ON SKIN: Wash with plenty of soap and water.  
P332/313 – If skin irritation occurs: Get medical advice/attention.  
P305/351/338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337/313 – If eye irritation persists: Get medical advice/attention.

**Labeling triggering component:** Sodium carbonate, Sodium silicates

**2.3 Other hazards:**

None

### 3. Composition / information on ingredients

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**3.1 Substances:**

This product is a mixture of sodium carbonate with special additives.

**3.2 Mixture:****Hazardous ingredients:**

Sodium Carbonate; EG-Nr.: 207-838-8; CAS-Nr.: 497-19-8  
registration number : 01-2119485498-19-XXXX

Amount: 60 - 80 %

Classification according to. VO 1272/2008: Eye irrit. 2, H319

Sodium silicates

Amount: 20 - 40 %

Classification according to. VO 1272/2008: Skin Irrit. 2, H315; Eye Dam., H318

**Ingredients with mandatory EG-limit:**

None.

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The exact wording of the H-phrases are detailed under point 16

## 4. First Aid Measures

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### 4.1 Discription of first aid measures:

#### General information:

In case of doubt or persistent symptoms, consult always a physician.

#### Following inhalation:

Apply fresh air. In case of inadequate respiration apply oxygen: Call on Physician.

#### Following skin contact:

Remove product. Rinse with plenty of water..

#### Following eye contact:

Irrigate copiously with water for at least 15 minutes. Consult a physician.

#### Following ingestion:

Rinse mouth with water and consult a physician.

### 4.2 Most important symtoms and effects, both acut and delayed:

None known.

### 4.3 Indication of any immediate medical attention and special treatment needed:

None.

## 5. Firefithing Measures

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### 5.1 Extinguishing media:

#### Recommended extinguishing media:

Carbon dioxide or dry powder extinguishers

### 5.2 Special hazards arising from the mixture:

None.

### 5.3 Advice for fire-fighters:

Invoid the intrusion of extinguishing water into surface water and groundwater and also into soil.

## 6. Accidental release measures

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### 6.1 Personal precautions, protective equipement and emergency proceures:

Usual precautions in dealing with chemicals.

### 6.2 Environmental precautions:

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Keep away from drains, surface and ground water and soil.

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

Collect as much as possible in a clean container for (preferable) reuse or disposal.  
Flush remainder with water.

#### 6.4 Reference to other sections:

Notice the precautionary measures under section 7, 8 and 13.

## 7. Handling and storage

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### 7.1 Precautions for safe handling:

#### Protective measures:

Don't leave open the vessels.

General hygienic measures.

- Don't smoke, eat and drink in sections of working
- Wash hands after using
- Remove contaminated clothes bevor going into sections, where you will eat.

#### Advices for fire safety:

None special measures necessary. Usual precautions in dealing with chemicals.

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

#### Requirement for storage rooms and vessels:

Recommended storage temperature: room temperature, not under 15°C .

Always keep safe in original container.

### 7.3 Specific end use:

Water softener as addition of washing powder

## 8. Exposure controls / personal protection

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### 8.1 Control parameters:

None.

#### General advice:

Look section 7

### 8.2 Personal protective gear:

Personal protective equipment is depending on hazards at the workstation

#### Respiratory protection:

Wear respirator with dust filter.

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**Hand protection:**

Wear appropriate chemical resistant gloves. Applicable for industrial settings only.

**Eye protection:**

Wear chemical goggles. Applicable for industrial settings only.

**Environmental exposure controls:**

Look section 6 and 7.

## 9. Physical and chemical properties

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**9.1 Information on basic physical and chemical properties:**

**Appearance**

<b>Physical state:</b>	solid
<b>Colour:</b>	white
<b>Odour:</b>	odourless

**Safety relevant basic data**

<b>pH-value :</b> (1g/l H <sub>2</sub> O)	11,0 – 11,45
<b>Melting point / range:</b>	851°C
<b>Explosion limits:</b>	not applicable
<b>Flammability:</b>	not applicable
<b>Relative density:</b>	450 – 550 g/l
<b>Viscosity:</b>	n.i.
<b>Water solubility:</b>	not applicable

**9.2 Other safety informations:**

Other physical and chemical data weren't determined.

## 10. Stability and reactivity

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**10.1 Reactivity:**

No reactions if handling is adequate.

**10.2 Chemical stability:**

This product is chemical stable under normal environmental conditions.

**10.3 Possibility of hazardous reactions:**

No hazardous reactions if handling is adequate.

**10.4 Conditions to avoid:**

Avoid contact with moisture and water. Avoid dispersal of dust in the air.

**10.5 Incompatible materials:**

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Acids, strong oxidising agents, phenol, aluminium, isocyanates cresol

#### 10.6 Hazardous decomposition products:

Hydrogen dromide

### 11. Toxicological information

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#### 11.1 Information on toxicological effects:

##### Acute toxicity oral:

ATE(mix.) = >2000 mg/kg (LD50, rat)

##### Akute toxicity dermal:

ATE(mix.)= >2000 mg/kg (LD50, rabbit)

##### Akute toxicity inhalative:

ATE(mix.)= >5 mg/l (LC50, rat)

##### Irritation:

Based on available data are the rating principles fulfilled (conventional method).

##### Corrosivity:

Based on available data are the rating principles fulfilled (conventional method).

##### Sensitisation:

Based on available data are the rating principles not fulfilled (conventional method).

##### Repeated dose toxicity:

Not approved.

##### Carcinogenicity

Not approved.

##### Mutagenicity:

Not approved.

##### Toxicity for reproduction:

Not approved.

##### Other information:

The toxicological rating of the mixture is based on the results of the calculation procedure (conventional method). There are no other hazards expected.

### 12. Ecological information

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#### 12.1 Toxicity:

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The ingredients contained in the mixture are not classified as dangerous for the environment. Thus, the classification of the mixture also is no longer as dangerous for the environment.

**12.2 Persistence and degradability:**

No relevant data available.

**12.3 Bioaccumulative potential:**

No bioaccumulative potential.

**12.4 Mobility in soil:**

No relevant data available.

**12.5 Results of PBT and vPvB assessment:**

No relevant data available.

**12.6 Other adverse effects:**

No relevant data available.

## 13. Disposal considerations

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**13.1 Waste treatment methods:**

Waste disposal in accordance with local regulations.

**Contaminated packaging:**

Dirty containers can be recycled or disposed as normal waste after rinse. Consult local authority.

## 14. Transport information

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**14.1 UN-Nummer:**

Not applicable.

**14.2 Correct UN-forwarding label:**

Not applicable.

**14.3 Hazard class for transport:**

Not applicable.

**14.4 Class of packaging:**

Not applicable.

**14.5 Hazards for the environmental:**

Not applicable.

**14.6 Special precautions for the user:**

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Look section 6-8

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

The emission solely takes place in suitable vessels.

### 15. Regulatory information

#### 15.1 Provision for safety, health and environmental regulations / legislation specific for the mixture:

The product has been classified in accordance with EC directives / the relevant national laws and labeled.

##### National regulations:

Water hazard class WGK: 1 according to VwVwS, appandix 4

##### SVHC:

The product does not contain any of Very High Concern (SVHC).

#### 15.2 Chemical safety assessment

The product isn't submitted to a chemical safety assessment.

##### Other assessments:

None.

### 16. Other information

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#### Important remarks:

It is recommended to pass the information of this safety data sheet, eventually in an appropriated form, to the users. This information is to our best knowledge correct and complete and is given in good faith but without warranty. It is user's liabilities to take all necessary measures to meet local required laws and regulations.

#### Hazard warnings on which is refered in section 3:

##### According to regulation VO 1272/2008

##### H-phrases:

H315 - Causes skin irritation.

H318 - Causes serious eye damage.

##### Prevention

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P305/351/338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337/313 – If eye irritation persists: Get medical advice/attention.

### Modification towards the latest version:

Adaptation according to CLP-regulation 1272/2008

Sections 2, 3, 15 and 16

### Responsible for safety data sheet:

Section of product safety

### Contact person:

Herr Hack / Frau Grätz

### Bibliographical reference and data source:

#### Regulation

Directive (1999/45/EG)

Substance guideline (67/548/EWG)

REACH-regulation (EG) Nr. 1907/2006

CLP-regulation 1272/2008

#### Internet

<http://www.baua.de>

<http://www.arbeitssicherheit.de>

<http://gestis.itrust.de>

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