

# Material safety Data Sheet

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

### Dishwasher Powder

Effectiv from: 01.12.2018

Version: 012

Substitute the version from: 01.01.2017

## 1. Supplier and product identification

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### 1.1 Product name:

Dishwasher Powder

### 1.2 Usage of the product:

Machine dishwash for the mechanical cleaning

### 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:

This product has to be labeled in accordance to the CLP-regulation.

#### According to 1272/2008

H318 – Causes serious eye damage.

### 2.2 Label elements:

#### CLP-Label elements:

#### Hazard pictogram:



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**Signal word:**

Danger

**Warnings:**

H318 – Causes serious eye damage.

**Prevention:**

P102 – Keep out of reach of children.

P261 – Avoid breathing dust/fume/gas/mist/vapours/spray.

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.

P304/340 – IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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

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

**Labeling triggering component:** Sodium carbonate, disodium salt, Sodium percarbonate, Sodium Silicate, D-pentose oligomeric C5 alkyl glycosides ,Citral

**2.3 Other hazards:**

None

### 3. Composition / information on ingredients

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**3.1 Substances:**

This product is a mixture.

**3.2 Mixture:**

**Hazardous ingredients:**

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

Amount: < 30 %

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

Disodium Disilicates; EG-Nr.: 237-623-4; CAS-Nr.: 13870-28-5  
registration number: 01-2119485031-47-XXXX

Amount: < 20 %

Classification according to VO 1272/2008: Eye Dam. 1, H318

Sodium Percarbonate; EG-Nr. : 239-707-6 ; CAS-Nr. : 15630-89-4  
registration number : 01.2119457268-30-0007

Amount: < 15 %

Classification according to VO 1272/2008: Acute Tox. 4, H302; Eye Dam. 1, H318; Ox. Sol. 2;

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H272

Sodium Silicate; EG-Nr.:0215-687-4 ; CAS-Nr.: 1344-09-8  
registration number: 01-2119448725-31-0011

Amount: < 10 %

Classification according to VO 1272/2008: Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT 3, H335

nonionic surfactant; EG-Nr.: 444-850-4; CAS-Nr.: 1235390-87-0  
registration number: 01-0000018776-57-0000

Amount: < 5 %

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

Lemongras; EG-Nr.: 295-161-9; CAS-Nr.: 91844-92-7  
registration number: 01-2120119366-58-XXXX

Amount: < 0,5 %

Classification according to VO 1272/2008: Eye Dam. 1, H318; Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Chronic 3, H412

#### Ingredients with mandatory EG-limit:

None.

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:

None special measures necessary.

#### Following inhalation:

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

#### Following skin contact:

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.

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## 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:

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:

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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:

Always keep safe in original container.

#### 7.3 Specific end use:

Machine dishwash for the mechanical cleaning

## 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:

Not required.

##### Hand protection:

Not required.

##### Eye protection:

Not required.

##### 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

##### Physical state:

solid

##### Colour:

white / yellow

##### Odour:

like lemon/like soap

##### Safety relevant basic data

##### pH-value : (1g/l H<sub>2</sub>O)

10,7 – 11,45

##### Melting point / range:

not applicable

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<b>Explosion limits:</b>	not applicable
<b>Flammability:</b>	not applicable
<b>Relative density:</b>	1000 - 1250 g/L
<b>Viscosity:</b>	not applicable
<b>Water solubility:</b>	soluble

#### 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.

#### 10.5 Incompatible materials:

None.

#### 10.6 Hazardous decomposition products:

None if handling is adequate

## 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)

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**Akute toxicity inhalative:**

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

**Irritation:**

Irritation to skin and eye is possible.

**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) of the Directive 1999/45/EG. There are no other hazards expected.

## 12. Ecological information

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### 12.1 Toxicity:

The for substances classified as hazardous to the environment components specified Cut-off value has been undershot. So there is no classification as dangerous for the environment for the mixture needed.

### 12.2 Persistence and degradability:

The detergents, which are present in this product, fulfill the criteria for biodegradability according to regulation (EG) Nr. 648/2004.

### 12.3 Bioaccumulative potential:

No bioaccumulative potential.

### 12.4 Mobility in soil:

No relevant data available.

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#### 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:

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.

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## 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 recommende 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-phrase:

272 May intensify fire; oxidizer.  
302 Harmful if swallowed.  
315 Causes skin irritation.  
317 May cause an allergic skin reaction.  
318 Causes serious eye damage.  
319 Causes serious eye irritation.  
335 May cause respiratory irritation.  
412 Harmful to aquatic life with long lasting effects.

#### Prevention:

P102 – Keep out of reach of children.

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P304/340 – IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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

### Modification towards the latest version:

According to regulation 1272/2008

Point 15

### 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

DetNet classification: The expert assessment is based on a bringing methode, more in formation see the internet page of the DetNet.

### Internet

<http://www.baua.de>

<http://www.arbeitssicherheit.de>

<http://gestis.itrust.de>

<http://www.det-net.eu>

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