

Material safety Data Sheet

Applying the Regulation (EG) Nr. 1907/2006

Laundry Powder

Effectiv from: 05.08.2019

Version: 007

Substitute the version from: 01.12.2018

1. Supplier and product identification

1.1 Product name:
Laundry Powder

1.2 Usage of the product:
Laundry detergent for the mechanical cleaning of textiles

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

Telephone/Telefax/Email:
+49 (0) 4956 40720 / +49 (0) 4956 407299 / info@sodasan.com

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

2. Hazard identification

2.1 Classification of the mixture:
This product has to be labeled in relation to VO 1272/2008

According to 1272/2008
H315; Causes skin irritation.
H318; Eye Dam.1 – Causes serious eye damage.

2.2 Label elements:

CLP-Label elements:

Hazard pictogram:



Signal word:

n.a. = not applicable; n.b. = not determined; n.i. = no information

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Danger

Warnings:

H315; Causes skin irritation.

H318; Eye Dam.1 – Causes serious eye damage.

Prevention:

P102 – Keep out of reach of children.

P280 - Wear protective gloves / protective clothing / eye protection / face protection.

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.

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

Labeling triggering component: Sodium carbonate, Sodium percarbonate, Sodium Metasilicate, Potassium Carbonate, Citral, Limonen

2.3 Other hazards:

None

3. Composition / information on ingredients

3.1 Substances:

This product is a mixture.

3.2 Mixture:

Hazardous ingredients:

Sodium Percarbonate; EG-Nr. : 239-707-6 ; CAS-Nr. : 15630-89-4
registration number : 01-2119457268-30-0007

Amount: <= 16,7%

Classification according to VO 1272/2008: Acute Tox. 4, H302; Eye Dam. 1, H318; Ox. Sol. 2; H272

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

Amount: < 20 %

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

Sodium Metasilicate: EG-Nr.: ; CAS-Nr.: 10213-79-3
registration number: 01-2119449811-37-0003

Amount: <= 2,5 %

Classification according VO 1272/2008: Met. Korr. 1, H290; STOT einm. 3, H335; Skin Irrit. 1B, Eye Dam. 1, H314

Potassium Carbonate; EG-Nr.: 209-529-3; CAS-Nr.: 584-08-7
registration number: 01-2119532646-36-XXXX

Amount: <= 14,1 %

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

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Verveine/Limette

Amount: < = 0,20 %

Classification according to VO 1272/2008: Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Skin Sens. 1, H317

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

4. First Aid Measures

4.1 Discription of first aid measures:

General information:

None special measures necessary.

Following inhalation:

Do not breathe dust.

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.

5. Firefithing Measures

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

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soil.

6. Accidental release measures

- 6.1 Personal precautions, protective equipment 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

- 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:
Always keep safe in original container.
- 7.3 Specific end use:**
Laundry detergent for the mechanical cleaning of textiles

8. Exposure controls / personal protection

- 8.1 Control parameters:**
None.

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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

9.1 Information on basic physical and chemical properties:

Appearance

Physical state:

solid

Colour:

white / brown

Odour:

like lemon

Safety relevant basic data

pH-value : (1g/l H₂O)

10,5 – 11,4

Melting point / range:

not applicable

Explosion limits:

not applicable

Flammability:

not applicable

Relative density:

550 - 800 g/L

Viscosity:

n.a.

Water solubility:

soluble

9.2 Other safety informations:

Other physical and chemical data weren't determined.

10. Stability and reactivity

10.1 Reactivity:

No reactions if handling is adequate.

10.2 Chemical stability:

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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

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 not 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.

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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

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:

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

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.

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14. Transport information

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.

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.

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16. Other information

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:

- 226 Flammable liquid and vapour.
- 272 May intensify fire, oxidizer.
- 290 May be corrosive to metals.
- 302 Harmful if swallowed.
- 304 May be fatal is swallowed and enters airways.
- 314 Causes severe skin burns and eye damage.
- 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
- 411 Toxic to aquatic life with long lasting effects.

Prevention

P102 – Keep out of reach of children.

P280 - Wear protective gloves / protective clothing / eye protection / face protection.

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 victim to fresh air and keep at rest in a position comfortable

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:

Point 2 and 3

Responsible for safety data sheet:

Section of product safety

Contact person:

Herr Hack / Frau Grätz

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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>

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

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