

SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name

Machine washing powder with enzymes

Product no.

10180

REACH registration number

Not applicable

Other means of identification

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

Relevant identified uses of the substance or mixture

Washing product

Uses advised against

-

The full text of any mentioned and identified use categories are given in section 16

1.3. Details of the supplier of the safety data sheet

Company and address

Stadsing A/S
Østre Fællevej 13
9400 Nørresundby
Danmark
Tlf.: +45 70153400

Contact person

TIE

E-mail

info@stadsing.dk

SDS date

29-09-2014

SDS Version

1.0

1.4. Emergency telephone number

Use your national or local emergency number
See section 4 "First aid measures"

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Eye Irrit. 2 // H319

See full text of H/R-phrases in section 2.2.

DPD/DSD Classification

Irritant. (Xi).

Irritating to eyes.(R36).

2.2. Label elements

Hazard pictogram(s)

According to EC-Regulation 1907/2006 (REACH)

Signal word

Warning!

Hazard statement(s)

Causes serious eye irritation. (H319)

Identity of the substances primarily responsible for the major health hazards

Safety statement(s)	General	If medical advice is needed, have product container or label at hand. (P101) Keep out of reach of children. (P102)
	Prevention	-
	Response	IF SWALLOWED: rinse mouth. Do NOT induce vomiting. (P301+P330+P331) IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338) If eye irritation persists: Get medical advice/attention. (P337+P313)
	Storage Disposal	- -

2.3. Other hazards

Additional labelling

-

Additional warnings

Partially classified on the basis of expert judgment (DETNET)

VOC

-

SECTION 3: Composition/information on ingredients

3.1/3.2. Substances

NAME:	sodium carbonate
IDENTIFICATION NOS.:	CAS-no: 497-19-8 EC-no: 207-838-8 REACH-no: 01-2119485498-19 Index-no: 011-005-00-2
CONTENT:	5-15%
DSD CLASSIFICATION:	Xi; R36
CLP CLASSIFICATION:	Eye Irrit. 2 H319
NAME:	silicic acid, sodium salt
IDENTIFICATION NOS.:	CAS-no: 1344-09-8 EC-no: 215-687-4 REACH-no: 01-2119448725-31-xxxx Index-no: -
CONTENT:	5-15%
DSD CLASSIFICATION:	Xi;R36/38
CLP CLASSIFICATION:	STOT SE 3, Skin Irrit. 2, Eye Dam. 1 H315, H318, H335
NAME:	disodium carbonate, compound with hydrogen peroxide (2:3)
IDENTIFICATION NOS.:	CAS-no: 15630-89-4 EC-no: 239-707-6 REACH-no: 01-2119457268-30 Index-no: -
CONTENT:	1-5%
DSD CLASSIFICATION:	O;R8 Xn;R22 Xi;R41
CLP CLASSIFICATION:	Ox. Sol./Sol 3, Acute Tox. 4, Eye Dam. 1 H272, H302, H318
NAME:	sodium dodecylbenzenesulfonate
IDENTIFICATION NOS.:	CAS-no: 25155-30-0 EC-no: 246-680-4 Index-no: -
CONTENT:	1-5%
DSD CLASSIFICATION:	Xn;R22 Xi;R38 R41
CLP CLASSIFICATION:	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1 H302, H315, H318

(*) See full text of H/R-phrases in chapter 16. Occupational limits are listed in section 8, if these are available.

Other informations

Detergent:

0 - 5%: ZEOLITES, OXYGEN-BASED BLEACHING AGENTS, ANIONIC SURFACTANTS, SOAP, NON-IONIC SURFACTANTS, POLYCARBOXYLATES, PERFUMES, OPTICAL BRIGHTENERS, ENZYMES

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor, if in doubt about the injured person's condition or if the symptoms continue. Never give an unconscious person water or similar.

Inhalation

Get the person into fresh air and stay with them.

Skin contact

Remove contaminated clothing and shoes at once. Skin that has come in contact with the material must be washed thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

Eye contact

Remove contact lenses. Flush eyes with plenty of water (20-30°C) for at least 15 minutes and continue until irritation stops. Make sure you flush under the upper and lower eyelids. Contact a doctor at once.

Ingestion

Give the person plenty to drink and stay with the person. If the person feels unwell, contact a doctor immediately and take this safety data sheet or the label from the product with you. Do not induce vomiting unless recommended by the doctor. Hold head facing down so that no vomit runs back into the mouth and throat.

Burns

Rinse with water until the pain stops and continue for 30 minutes.

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

Irritation effects: This product contains substances which cause irritation to skin and eyes, or when inhaled. Contact with locally irritative substances can cause the area of contact to be more prone to absorb damaging substances such as allergens.

4.3. Indication of any immediate medical attention and special treatment needed

If eye irritation persists: Get medical advice/attention.

Information to medics

Bring this safety data sheet.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist. Water jets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

If the product is exposed to high temperatures, as in the case of fire, dangerous catabolic substances are produced. These are: Halogenated compounds Sulphur oxides. Carbon oxides. Some metal oxides. Fire will result in thick black smoke. Exposure to catabolic products can damage your health. Fire fighters should use proper protection gear. Closed containers, which are exposed to fire, should be cooled with water. Do not let fire-extinguishing water run into sewers and other water courses.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No specific requirements.

6.2. Environmental precautions

No specific requirements.

6.3. Methods and material for containment and cleaning up

Sweep up spills carefully. Use water sprays or ventilated evacuation systems to prevent dust. Cleaning should be done as far as possible using normal cleaning agents. Solvents should be avoided.

6.4. Reference to other sections

See section on "Disposal considerations" with regard to the handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Smoking, consumption of food or liquid, and storage of tobacco, food or liquids are not allowed in the workrooms. See section on 'Exposure controls/personal protection' for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Always store in containers of the same material as the original. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Storage temperature

NA

7.3. Specific end use(s)

This product should only be used for applications described in Section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

OEL

No data available

DNEL / PNEC

DNEL (disodium carbonate, compound with hydrogen peroxide (2:3)): 12,8 mg/cm² - Exposure: Dermal - Duration: Short term – Local effects - Workers

DNEL (disodium carbonate, compound with hydrogen peroxide (2:3)): 5 mg/m³ - Exposure: Inhalation - Duration: Long term – Local effects - Workers

DNEL (disodium carbonate, compound with hydrogen peroxide (2:3)): 6,4 mg/cm² - Exposure: Dermal - Duration: Short term – Local effects - General population

PNEC (disodium carbonate, compound with hydrogen peroxide (2:3)): 0,035 mg/l - Exposure: Freshwater

PNEC (disodium carbonate, compound with hydrogen peroxide (2:3)): 0,035 mg/l - Exposure: Marine water

8.2. Exposure controls

No control is necessary if the product is used in a normal way.

General recommendations

Observe general occupational hygiene.

Exposure scenarios

If there is an appendix to this safety data sheet, the indicated exposure scenarios must be complied.

Exposure limits

There are no maximum exposure limits for the substances contained in this product.

Appropriate technical measures

Take ordinary precautions when using the product. Avoid inhalation of gas or dust.

Hygiene measures

Whenever you take a break in using this product and when you have finished using it, all exposed areas of the body must be washed. Always wash hands, forearms and face.

Measures to avoid environmental exposure

No specific requirements.

Individual protection measures, such as personal protective equipment



Generally

Only CE-marked personal protection equipment should be used. Use only CE marked protective equipment.

Respiratory Equipment

If the ventilation at the work place is not sufficient, use a half or whole mask with an appropriate filter or an air-supplied respiratory protector. The choice depends on the concrete work situation and how long you will be using the product.

Skin protection

Special work clothing should be used.

According to EC-Regulation 1907/2006 (REACH)

Hand protection

Use protective gloves. The concrete work situation is not known. Contact the suppliers of the gloves for help on the glove type. Please note that elastic gloves stretch when used. The thickness of the gloves, and therefore their penetration time, will be reduced. Moreover, the temperature of the glove in use is about 35°C, while the standard test, EN 374-3, is done at 23°C. The penetration time is therefore reduced by a factor of 3.

Eye protection

Use face shield. Use safety glasses with a side shield as an alternative.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Colour	Odour	pH	Viscosity	Density (g/cm ³)
Solid	White	-	10,8± 0,3	-	0,75±0,05

Phase changes

Melting point (°C)	Boiling point (°C)	Vapour pressure (mm Hg)
-	-	-

Data on fire and explosion hazards

Flashpoint (°C)	Ignition (°C)	Self ignition (°C)
-	-	-
Explosion limits (Vol %)	Oxidizing properties	
-	-	

Solubility

Solubility in water	n-octanol/water coefficient
Soluble	-

9.2. Other information

Solubility in fat	Additional information
-	N/A

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

The product is stable under the conditions, noted in the section on "Handling and storage".

10.3. Possibility of hazardous reactions

No special

10.4. Conditions to avoid

No special

10.5. Incompatible materials

Strong acids, strong bases, strong oxidising agents, and strong catabolic agents.

10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Substance	Species	Test	Route of exposure	Result
sodium dodecylbenzenesulfonate	Rat	LD50	Oral	1020 mg/kg
sodium carbonate	Rat	LD50	Oral	2800 mg/kg
sodium carbonate	Rabbit	LD50	Dermal	> 2000 mg/kg
disodium carbonate, compound w...	Rat	LD50	Oral	1034 mg/kg

Skin corrosion/irritation

No data available.

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

No data available.

According to EC-Regulation 1907/2006 (REACH)

Germ cell mutagenicity

Data on substance: alpha-hexylkanelaldehyd
Test: OECD Guideline 471
Organism: Rat
Result: Negative
No adverse effect observed.

Data on substance: alpha-hexylkanelaldehyd
Result: Negative
No adverse effect observed.

Carcinogenicity

No data available.

Reproductive toxicity

No data available.

STOT-single exposure

No data available.

STOT-repeated exposure

No data available.

Aspiration hazard

No data available.

Long term effects

Irritation effects: This product contains substances which cause irritation to skin and eyes, or when inhaled. Contact with locally irritative substances can cause the area of contact to be more prone to absorb damaging substances such as allergens.

SECTION 12: Ecological information

12.1. Toxicity

Substance	Species	Test	Test duration	Result
sodium carbonate	Fish	LC50	96 h	300 mg/l
sodium carbonate	Crustacean	EC50	48 h	200-227 mg/l
silicic acid, sodium salt	Fish	LC50	96 h	3185 mg/l
disodium carbonate, compound w...	Fish	LC50	96 h	70,7 mg/l

12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
No data available.			

12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow	BFC
No data available.			

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

No special

SECTION 13: Disposal considerations

13.1. Waste treatment methods

The product is covered by the regulations on dangerous waste.

Waste

EWC code

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Specific labelling

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Contaminated packing

Packaging which contains leftovers from the product must be disposed of in the same way as the product.

SECTION 14: Transport information

Not listed as dangerous goods under ADR and IMDG regulations.

14.1 – 14.4

ADR/RID	14.1. UN number	14.2. UN proper shipping name	14.3. Transport hazard class(es)		14.4. Packing group		Notes
IMDG	UN-no.	Proper Shipping Name	Class	PG*	EmS	MP**	Hazardous constituent
IATA/ICAO	UN-no.	Proper Shipping Name	Class	PG*			

14.5. Environmental hazards

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14.6. Special precautions for user

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14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No data available

(*) Packing group

(**) Marine pollutant

SECTION 15: Regulatory information

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

Restrictions for application

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Demands for specific education

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Additional information

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

15.2. Chemical safety assessment

No

SECTION 16: Other information'

Sources

EC regulation 1907/2006 (REACH)
Directive 2000/532/EC
EC Regulation 1272/2008 (CLP)

Full text of H/R-phrases as mentioned in section 3

R8 - Contact with combustible material may cause fire.
R22 - Harmful if swallowed.
R36 - Irritating to eyes.
R38 - Irritating to skin.
R41 - Risk of serious damage to eyes.
R36/38 - Irritating to eyes and skin.
H272 - May intensify fire; oxidiser.
H302 - Harmful if swallowed.
H315 - Causes skin irritation.
H318 - Causes serious eye damage.
H319 - Causes serious eye irritation.
H335 - May cause respiratory irritation.

The full text of identified uses as mentioned in section 1

Other symbols mentioned in section 2

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Other

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.
The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.
A change (in proportion to the last essential change (first cipher in SDS version)) is marked with a blue triangle.

The safety data sheet is validated by

HH

Date of last essential change (First cipher in SDS version)

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Date of last minor change (Last cipher in SDS version)

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