

Safety Data Sheet

according to UK REACH Regulation

Laundry Powder

Revision date: 17.02.2025

Product code: 039

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

1.1. Product identifier

Laundry Powder

UFI: DTD2-00XT-000E-0Y22

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

Use of the substance/mixture

For mechanical cleaning of textiles.

Uses advised against

Not known.

1.3. Details of the supplier of the safety data sheet

Company name:	Sodasan GmbH	
Street:	Rudolf-Diesel-Str. 19	
Place:	D-26670 Uplengen	
Telephone:	0495640720	Telefax: 04956407299
E-mail:	info@sodasan.com	
Contact person:	Frau Grätz	Telephone: 04956407234
E-mail:	mg@sodasan.com	
Internet:	www.sodasan.de	
Responsible Department:	QS	

1.4. Emergency telephone number: Gifftinformationszentrum-Nord (Universitätsmedizin Göttingen): 0551 19240 (24h)

Further Information

Not known.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation

Skin Irrit. 2; H315

Eye Dam. 1; H318

Full text of hazard statements: see SECTION 16.

2.2. Label elements

GB CLP Regulation

Signal word: Danger**Pictograms:**

Hazard statements

H315 Causes skin irritation.

H318 Causes serious eye damage.

Precautionary statements

P501 Dispose of contents/container to waste disposal in accordance with local/regional regulation.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P302+P352 IF ON SKIN: Wash with plenty of water and soap.

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P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
 P280 Wear eye protection/face protection.
 P102 Keep out of reach of children.

2.3. Other hazards

Not known.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Relevant ingredients

CAS No	Chemical name	Quantity
	EC No	
	Index No	
	REACH No	
	Classification (GB CLP Regulation)	
497-19-8	sodium carbonate	25 - < 30 %
	207-838-8	
	011-005-00-2	
	Eye Irrit. 2; H319	
15630-89-4	Sodium percarbonate	10 - < 15 %
	239-707-6	
	01-2119457268-30	
	Ox. Liq. 3, Acute Tox. 4, Eye Dam. 1; H272 H302 H318	
10213-79-3	Sodium metasilicate pentahydrate granules	1 - < 5 %
	600-279-4	
	01-2119449811-37	
	Met. Corr. 1, Skin Corr. 1, STOT SE 3; H290 H314 H335	
	Nat. Perfume oil Verveine / Lime P0252157	< 1 %
	Flam. Liq. 2, Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1, Asp. Tox. 1, Aquatic Chronic 2; H225 H315 H319 H317 H304 H411	

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
497-19-8	207-838-8	sodium carbonate	25 - < 30 %
		oral: LD50 = 4090 mg/kg	
15630-89-4	239-707-6	Sodium percarbonate	10 - < 15 %
		oral: ATE = 500 mg/kg	

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

When in doubt or if symptoms are observed, get medical advice.
 Never give anything by mouth to an unconscious person or a person with cramps.
 If unconscious but breathing normally, place in recovery position and seek medical advice.

After inhalation

Remove casualty to fresh air and keep warm and at rest.
 If breathing is irregular or stopped, administer artificial respiration.

After contact with skin

Immediately remove any contaminated clothing, shoes or stockings.
 After contact with skin, wash immediately with plenty of water and soap.
 Do not wash with: Solvents/Thinner.

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After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.

After ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.

Put victim at rest, cover with a blanket and keep warm.

Do NOT induce vomiting.

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

Not known.

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

Not known.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

alcohol resistant foam, Carbon dioxide (CO₂), Extinguishing powder, Water mist

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

Not known.

5.3. Advice for firefighters

Use water spray jet to protect personnel and to cool endangered containers.

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Keep away from sources of ignition - No smoking. Ventilate affected area.

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

Safe handling: see section 7

Personal protection equipment: see section 8

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

Other information

Prevent spread over a wide area (e.g. by containment or oil barriers). Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

Collect in closed and suitable containers for disposal. Disposal: see section 13

Clean with detergents. Avoid solvent cleaners.

6.4. Reference to other sections

Observe protective measures under sections 7, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid contact with skin, eyes and clothes. Avoid: Inhalation of vapours or spray/mists. When using do not eat,

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drink, smoke, sniff. Personal protection equipment: see section 8

Never use pressure to empty container. Keep/Store only in original container.

Do not allow to enter into surface water or drains.

Advice on protection against fire and explosion

No special actions required. Follow normal chemical handling precautions.

Advice on general occupational hygiene

General hygiene measures. Do not eat, drink or smoke in work areas Wash hands after use Remove contaminated clothing and protective equipment before entering eating areas.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store in accordance with: Betriebssicherheitsverordnung (BetrSichV).

Hints on joint storage

Do not store together with: Oxidizing agent, Strong acid, Strong alkali

Further information on storage conditions

Follow the instructions for use on the label.

storage temperature of 15°C - 30°C.

Keep container tightly closed in a cool, well-ventilated place. Protect from sunlight. Keep away from sources of ignition - No smoking. Store in a place accessible by authorized persons only. Always close containers tightly after the removal of product.

7.3. Specific end use(s)

For mechanical cleaning of textiles.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values

To date, no national critical limit values exist.

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation.

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear eye protection/face protection.

Hand protection

Wear protective gloves. Replace when worn. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. Observe the wear time limits as specified by the manufacturer.

Use protective skin cream before handling the product.

Skin protection

Overall (Natural fibres (e.g. cotton))

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Respiratory protection

Respiratory protection necessary at: exceeding exposure limit values.
Use suitable breathing apparatus.

Environmental exposure controls

Do not allow to enter into surface water or drains.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:	solid, powder
Colour:	white, cream
Odour:	like lemon

Flash point:

pH-Value (at 20 °C):

Density (at 20 °C):

Bulk density (at 20 °C):

10,5 - 11,4 (1%)

650 - 800 kg/m³**Test method**

DIN 53213

DIN 53217

9.2. Other information**Other safety characteristics**

Solvent separation test:

<3 % (Land transport (ADR/RID))

Further Information

Further physical-chemical data were not determined.

SECTION 10: Stability and reactivity**10.1. Reactivity**

No reactions when handled properly.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No reactions when handled properly.

10.4. Conditions to avoid

Protect from moisture and water.

10.5. Incompatible materials

Not known.

10.6. Hazardous decomposition products

When used and stored as intended, no hazardous decomposition products are formed.

SECTION 11: Toxicological information**11.1. Information on hazard classes as defined in GB CLP Regulation****Acute toxicity**

Based on available data, the classification criteria are not met.

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

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CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
497-19-8	sodium carbonate				
	oral	LD50 mg/kg	4090	Rat	IUCLID
15630-89-4	Sodium percarbonate				
	oral	ATE mg/kg	500		

Irritation and corrosivity

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/eye irritation: Causes serious eye damage.

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

11.2. Information on other hazards**Endocrine disrupting properties**

The product does not contain any substance that has endocrine properties in humans.

Further information

There are no data available on the mixture itself.

Classification according to Regulation (EC) No 1272/2008 [CLP]

Reference to other sections: 2, 3

SECTION 12: Ecological information**12.1. Toxicity**

Based on available data, the classification criteria are not met.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
497-19-8	sodium carbonate					
	Acute fish toxicity	LC50	300 mg/l	96 h	Lepomis macrochirus	
	Acute crustacea toxicity	EC50	265 mg/l	48 h	Daphnia magna	IUCLID

12.2. Persistence and degradability

No relevant data available.

12.3. Bioaccumulative potential

No bioaccumulation potential.

12.4. Mobility in soil

No relevant data available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

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12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

Further information

There are no data available on the mixture itself.
 Classification according to Regulation (EC) No 1272/2008 [CLP]
 Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Do not allow to enter into surface water or drains.
 Recycle according to official regulations.

Contaminated packaging

Completely emptied packages can be recycled.
 Recycle according to official regulations.

SECTION 14: Transport information

Land transport (ADR/RID)

<u>14.1. UN number or ID number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

<u>14.1. UN number or ID number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

<u>14.1. UN number or ID number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

<u>14.1. UN number or ID number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

14.7. Maritime transport in bulk according to IMO instruments

not applicable

SECTION 15: Regulatory information

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

EU regulatory information

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Restrictions on use (REACH, annex XVII):

Entry 75

National regulatory information

Water hazard class (D): 2 - obviously hazardous to water

Additional information

Observe in addition any national regulations!

SECTION 16: Other information**Abbreviations and acronyms**

Ox. Liq: Oxidising liquids
 Met. Corr: Corrosive to metals
 Flam. Liq: Flammable liquids
 Acute Tox: Acute toxicity
 Asp. Tox: Aspiration hazard
 Skin Irrit: Skin irritation
 Skin Corr: Skin corrosion
 Eye Dam: Eye damage
 Eye Irrit: Eye irritation
 Skin Sens: Skin sensitisation
 STOT SE: Specific target organ toxicity - single exposure
 Aquatic Chronic: Chronic aquatic hazard

Key literature references and sources for data

Regulations: Preparations Directive (1999/45/EG), last amended by Regulation (EG) No. 1907/2006
 Substances Directive (67/548/EEC), last amended by Directive 2009/2/EC REACH Regulation (EC) No.
 1907/2006, last amended by Regulation (EU) No. 253/2011 CLP regulation 1272/2008 Internet
<http://www.baua.de> <http://www.arbeitssicherheit.de> <http://gestis.itrust.de>

Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification	Classification procedure
Skin Irrit. 2; H315	Calculation method
Eye Dam. 1; H318	Calculation method

Relevant H and EUH statements (number and full text)

H225 Highly flammable liquid and vapour.
 H272 May intensify fire; oxidiser.
 H290 May be corrosive to metals.
 H302 Harmful if swallowed.
 H304 May be fatal if swallowed and enters airways.
 H314 Causes severe skin burns and eye damage.
 H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.
 H318 Causes serious eye damage.
 H319 Causes serious eye irritation.
 H335 May cause respiratory irritation.
 H411 Toxic to aquatic life with long lasting effects.

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

Instruction/training of employees required for handling hazardous substances.

(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)