

# Safety Data Sheet

according to UK REACH Regulation

## Color Sensitive

Revision date: 17.02.2025

Product code: 037

Page 1 of 8

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

#### 1.1. Product identifier

Color Sensitive

UFI: AQD2-H08D-P00X-AMG0

#### 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 Irrit. 2; H319

Full text of hazard statements: see SECTION 16.

#### 2.2. Label elements

##### GB CLP Regulation

**Signal word:** Warning**Pictograms:**

##### Hazard statements

H315	Causes skin irritation.
H319	Causes serious eye irritation.

##### Precautionary statements

P501	Dispose of contents/container to waste disposal in accordance with local/regional regulation.
P102	Keep out of reach of children.
P301+P312	IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P302+P352	IF ON SKIN: Wash with plenty of water and soap.

# Safety Data Sheet

according to UK REACH Regulation

## Color Sensitive

Revision date: 17.02.2025

Product code: 037

Page 2 of 8

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

### 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			35 - < 40 %
	207-838-8	011-005-00-2		
	Eye Irrit. 2; H319			
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			

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	35 - < 40 %
	oral: LD50 = 4090 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.

#### 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

# Safety Data Sheet

according to UK REACH Regulation

**Color Sensitive**

Revision date: 17.02.2025

Product code: 037

Page 3 of 8

Not known.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**alcohol resistant foam, Carbon dioxide (CO<sub>2</sub>), 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, 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**

# Safety Data Sheet

according to UK REACH Regulation

**Color Sensitive**

Revision date: 17.02.2025

Product code: 037

Page 4 of 8

**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**

Keine.

**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))

**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:	odourless

**Safety Data Sheet**

according to UK REACH Regulation

**Color Sensitive**

Revision date: 17.02.2025

Product code: 037

Page 5 of 8

Flash point:

pH-Value (at 20 °C):

11 - 11,4 (1%)

Viscosity / kinematic:

Density (at 20 °C):

Bulk density (at 20 °C):

**Test method**

DIN 53213

ASTM D 445

DIN 53217

650 - 800 kg/m<sup>3</sup>**9.2. Other information****Other safety characteristics**

Solvent separation test:

&lt;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 tested**

	Dose	Species	Source
LD50, oral	>2000 mg/kg	Ratte	berechnet
LD50, dermal	>2000 mg/kg	Kaninchen	berechnet

**ATEmix calculated**

ATE (inhalation vapour) &gt; 20 mg/l; ATE (inhalation dust/mist) &gt; 5 mg/l

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
497-19-8	sodium carbonate				
	oral	LD50 mg/kg	4090	Rat	IUCLID

**Irritation and corrosivity**

Skin corrosion/irritation: Causes skin irritation.

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

**Sensitising effects**

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

**Safety Data Sheet**

according to UK REACH Regulation

**Color Sensitive**

Revision date: 17.02.2025

Product code: 037

Page 6 of 8

**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.

**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.

# Safety Data Sheet

according to UK REACH Regulation

## Color Sensitive

Revision date: 17.02.2025

Product code: 037

Page 7 of 8

### Contaminated packaging

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

## SECTION 14: Transport information

### Land transport (ADR/RID)

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

### Inland waterways transport (ADN)

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

### Marine transport (IMDG)

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

### Air transport (ICAO-TI/IATA-DGR)

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

Restrictions on use (REACH, annex XVII):  
Entry 3, Entry 75

#### National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

#### Additional information

Observe in addition any national regulations!

## SECTION 16: Other information

### Abbreviations and acronyms

Met. Corr: Corrosive to metals  
Skin Irrit: Skin irritation  
Skin Corr: Skin corrosion  
Eye Irrit: Eye irritation  
STOT SE: Specific target organ toxicity - single exposure

**Safety Data Sheet**

according to UK REACH Regulation

**Color Sensitive**

Revision date: 17.02.2025

Product code: 037

Page 8 of 8

**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 Irrit. 2; H319	Calculation method

**Relevant H and EUH statements (number and full text)**

H290 May be corrosive to metals.  
 H314 Causes severe skin burns and eye damage.  
 H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H335 May cause respiratory irritation.

**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.)*