

* Chemtec Sodium Carbonate (Sodium carbonate) anhydrous

Date revised: 28.04.2018

Print date: 03.12.18

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

1.1. Product identifier

Trade name

Chemtec Sodium Carbonate (Sodium carbonate anhydrous (Soda light))
REACH-Registration no. 01-2119485498-19-XXXX

Use of the substance/mixture

Cleaning additive

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

Identified Uses

At the moment we have no information available for the identified uses. In the presence of these data will be included in the safety data sheet.

Uses advised against

There are no uses have been identified, advised against.

1.3. Details of the supplier of the safety data sheet

Address

Chemtec Chemicals GmbH
August-Siemsen-Straße 13
21521 Dassendorf / Germany
phone. +49 4104 91897-99
e-mail. info@ctc-chemtec.de
Information provided Department product safety
by / telephone

1.4. Emergency telephone number

Medical Emergency information in case of poisoning: Poison Information Center Mainz – 24h –
Phone: +49 (0) 6131 19240 (*advisory service in German or English language*)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Eye Irrit. 2 H319

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Warning

Hazard statements

H319 Causes serious eye irritation.

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Precautionary statements

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P337+P313 If eye irritation persists: Get medical advice/attention.

Labelling in accordance with EC directives 1999/45/EC and 67/548/EEC**2.3. Other hazards****PBT and vPvB**

You find the results of PBT and vPvB assessment in section 12.

SECTION 3: Composition/information on ingredients**3.1. Substances****Hazardous ingredients****Sodium carbonate**

CAS No. 497-19-8
EINECS no. 207-838-8
REACH-Registration no. 01-2119485498-19-XXXX

Eye Irrit. 2 H319

Complete text of H-phrases in Chapter 16.

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

If the patient is likely to become unconscious, place and transport in stable sideways position. Remove soiled or soaked clothing immediately, do not allow to dry.

After inhalation

Ensure supply of fresh air. Irregular breathing/no breathing: artificial respiration. If the patient is likely to become unconscious, place and transport in stable sideways position. In case of breathing difficulties, give oxygen. In the event of symptoms take medical treatment.

After skin contact

Wash off immediately with soap and water. Consult a doctor if skin irritation persists. Take medical treatment.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Eye treatment by an Oculist.

After ingestion

Rinse out mouth and give plenty of water to drink. Do not induce vomiting. Take medical treatment.

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

The following symptoms may occur: Coughing, Nausea, Abdominal pains, Vomiting

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

No information available.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide, Dry powder, Water spray jet, Foam, Product itself is non-combustible; adapt fire extinguishing measures to surrounding areas.

Non suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

None known

5.3. Advice for firefighters

Use self-contained breathing apparatus. Wear full protective suit.

Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations. Collect contaminated fire-fighting water separately, must not be discharged into the drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective clothing. Keep people away and stay on the upwind side. Ensure adequate ventilation. Avoid dust formation. Use breathing apparatus if exposed to vapours/dust/aerosol.

6.2. Environmental precautions

Do not allow to enter drains or waterways. Do not discharge into the subsoil/soil. 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

Pick up mechanically. Rinse away rest with water. Avoid raising dust. Clean contaminated surfaces thoroughly with water. When picked up, treat material as prescribed under Section 13 "Disposal".

6.4. Reference to other sections

Information regarding personal protective measures, see Section 8. Information regarding waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Observe the usual precautions for handling chemicals. Avoid dust formation. Provide good ventilation of working area (local exhaust ventilation if necessary). Keep container tightly closed.

Take off immediately all contaminated clothing. Keep separated from food-stuffs and feed-stocks. Avoid contact with skin and eyes. At work do not eat, drink, smoke or take drugs. Wash hands before breaks and after work.

Advice on protection against fire and explosion

Dust can form an explosive mixture with air. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge.

7.2. Conditions for safe storage, including any incompatibilities

Storage rooms must be properly ventilated. Do not use light metal drums. Use containers made of Polyethylene.

Do not store together with: Acids

storage category TRGS 510

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Not combustible solid substance

Keep container tightly closed and dry in a cool, well-ventilated place. Product is hygroscopic. Protect

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from atmospheric moisture and water.

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure limit values**

Remarks

There is not known any national exposure limit.

8.2. Exposure controls**Respiratory protection**

In case of insufficient ventilation, wear suitable respiratory equipment. Dust mask; Short term: filter apparatus, Filter P2

Hand protection

impermeable gloves

Appropriate Material

Natural Latex

Material thickness

>= 0,6 mm

Breakthrough time

>= 480 min

Eye protection

Tightly fitting safety glasses

Body protection

Clothing as usual in the chemical industry.

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

Form

Powder

Colour

white

Odour

odourless

Odour threshold

Remarks

No data available

pH value

Value

11,1

Concentration/H₂O

4

g/l

Temperature

25

°C

Melting point/freezing point

Value

851

°C

Initial boiling point and boiling range

Remarks

No data available

Flash point

Remarks

No data available

Evaporation rate

Remarks

No data available

Flammability (solid, gas)

No data available

Upper/lower flammability or explosive limits

Remarks

No data available

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Vapour pressure

Remarks No data available

Vapour density

Remarks No data available

Relative densityValue 2,5 g/cm³**Bulk density**Value 0,5 to 0,7 kg/dm³**Solubility(ies)**

Medium Water

Value 215 g/l

Temperature 20 °C

Medium Water

Value 71 g/l

Temperature 0,0 °C

Partition coefficient: n-octanol/water

Remarks No data available

Auto-ignition temperature

Remarks No data available

Decomposition temperature

Remarks No decomposition if used as prescribed.

Viscosity

Remarks No data available

Explosive properties

Remarks No data available

Oxidising properties

Remarks No data available

9.2. Other information

No additional information available.

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

No information available.

10.2. Chemical stability

No information available.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

Protect from atmospheric moisture and water.

10.5. Incompatible materials

Product reacts with: Acids, Reactions with light metals, with evolution of hydrogen.

10.6. Hazardous decomposition products

Hydrogen, Carbon dioxide

SECTION 11: Toxicological information

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11.1. Information on toxicological effects

Strong caustic effect in the mouth and throat and danger of perforation of the esophagus and stomach.

Acute oral toxicity

Species	rat				
LD50	2000	to	2800	mg/kg	

Acute dermal toxicity

Species	rabbit				
LD50	> 2000			mg/kg	

Acute inhalational toxicity

Species	rat				
LC50	> 2,3			mg/l	
Duration of exposure	2		h		
Species	guinea pig				
LC50	0,8			mg/l	
Duration of exposure	2		h		
Species	mouse				
LC50	1,2			mg/l	
Duration of exposure	2		h		

Skin corrosion/irritation

Species	Human				
evaluation	non-irritant				

Frequent persistent contact with the skin can cause skin irritation.

Serious eye damage/irritation

Species	rabbit				
evaluation	irritant - risk of serious damage to eyes				

Sensitization

evaluation	non-sensitizing				
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Mutagenicity

No information available.

Carcinogenicity

No information available.

Reproductive toxicity

No information available.

Specific Target Organ Toxicity (STOT)**Single exposure**

No data available

Repeated exposure

No data available

Aspiration hazard

No information available.

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

There is no data available on the product apart from the information given in this subsection.

Fish toxicity

Species	Bluegill (Lepomis macrochirus)				
LC50	300			mg/l	
Duration of exposure	96		h		

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Daphnia toxicity

Species	Daphnia magna		
EC50	265		mg/l
Duration of exposure	48	h	

Algae toxicity

Species	Nitzscheria linearis		
EC50	265		mg/l
Duration of exposure	5	d	

12.2. Persistence and degradability**Biodegradability**

Remarks	The methods for determination the biological degradation are not applicably for anorganic products.
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12.3. Bioaccumulative potential**Partition coefficient: n-octanol/water**

Remarks	No data available
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12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment**Evaluation of persistence and bioaccumulation potential**

No information available.

12.6. Other adverse effects**Behaviour in environment compartments**

No information available.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations for the product**

Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

SECTION 14: Transport information**Land transport ADR/RID**

Non-dangerous goods

14.1. UN number -

14.2. UN proper shipping name -

14.3. Transport hazard class(es) -

14.4. Packing group -

14.5. Environmental hazards -

14.6. Special precautions for user No information available.

14.7. Transport in bulk No information available.

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according to Annex II of
MARPOL73/78 and the IBC
Code

SECTION 15: Regulatory information

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

The product does not require a hazard warning label in accordance with EC directives/the relevant national laws.

SVHC

The product does not contain substances of very high concern (SVHC).

15.2. Chemical safety assessment

For this substance a chemical safety assessment has been carried out.

SECTION 16: Other information

Hazard statements listed in Chapter 3

H319 Causes serious eye irritation.

Department issuing safety data sheet

Department product safety

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.