



## SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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### sodium carbonate

Revision 7  
Revision date 2017-08-01

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

##### 1.1. Product identifier

Product name	sodium carbonate
REACH Registration Number	01-2119485498-19
CAS No.	497-19-8
EC No.	207-838-8
Index No.	011-005-00-2
Product code	SHP 216

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

Description	No data is available on this product.
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##### 1.3. Details of the supplier of the safety data sheet

Company	Superfine Manufacturing Ltd
Address	Orchardbank Industrial Estate Forfar Angus Scotland DD8 1TD
Web	www.superfine.co.uk
Telephone	Tel: 01307 463538
Fax	Fax: 01307 468505
Email	nigel@superfine.co.uk
Email address of the competent person	nigel@superfine.co.uk

##### 1.4. Emergency telephone number

Emergency telephone number	01307 463538 8.30am to 17.00pm
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#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

2.1.1. Classification - 67/548/EEC	Xi; R36 Symbols: Xi: Irritant.
Main hazards	Irritating to eyes.
2.1.2. Classification - EC 1272/2008	Eye Irrit. 2: H319;

##### 2.2. Label elements

Hazard pictograms	
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## 2.2. Label elements

Signal Word	Warning
Hazard Statement	Eye Irrit. 2: H319 - Causes serious eye irritation.
Precautionary Statement: Prevention	P264 - Wash contaminated skin thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If eye irritation persists: Get medical advice/attention.

## 2.3. Other hazards

Other hazards	PBT not identified as a PBT substance.
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## SECTION 3: Composition/information on ingredients

## 3.1. Substances

## 67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
sodium carbonate	011-005-00-2	497-19-8	207-838-8	01-2119485498-19	90 - 100%	Xi; R36	

## EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
sodium carbonate	011-005-00-2	497-19-8	207-838-8	01-2119485498-19	90 - 100%	Eye Irrit. 2: H319;	

## Further information

Product Shelf Life	RECOMMENDED SHELF LIFE 1 YEAR FROM DATE OF DELIVERY.
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## SECTION 4: First aid measures

## 4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air.
Eye contact	Rinse immediately with plenty of water. Contact lenses should be removed.
Skin contact	Remove contaminated clothing. Wash with water and soap as a precaution.
Ingestion	DO NOT INDUCE VOMITING. Rinse mouth thoroughly.

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

Inhalation	No information available.
Eye contact	Irritating to eyes.
Skin contact	No information available.
Ingestion	No information available.

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

Inhalation	Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist.
Eye contact	Contact lenses should be removed. Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist.
Skin contact	Seek medical attention if irritation or symptoms persist.
Ingestion	Drink 1 to 2 glasses of water. Seek medical attention if irritation or symptoms persist.

## General information

	If you feel unwell, seek medical advice (show the label where possible). Treat symptomatically.
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## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

	This product is not flammable . Use fire-extinguishing media appropriate for surrounding materials. Do NOT use water jet.
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**5.2. Special hazards arising from the substance or mixture**

Oxides of the following substances: Carbon.

**5.3. Advice for firefighters**

Wear suitable respiratory equipment when necessary.

**Further information**

In the event of a fire and/or explosion do not breath fumes. Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Wear suitable protective equipment. Provide adequate ventilation. Avoid contact with eyes and skin. Avoid inhalation of vapour or spray/mist.

**6.2. Environmental precautions**

Advise local authorities if large spills cannot be contained. Do not discharge into drains or rivers.

**6.3. Methods and material for containment and cleaning up**

For large spills: Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water. For small spills: Flush down the drain with plenty of water.

**6.4. Reference to other sections**

See section 2, 7, 8, 13 for further information.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid spilling. Avoid inhalation of dust. Avoid contact with eyes and skin. Provide adequate ventilation.

**7.2. Conditions for safe storage, including any incompatibilities**

Store in a cool, dry area. Keep container tightly closed. Keep out of the reach of children. Store in original container.

**7.3. Specific end use(s)**

No data is available on this product.

**Suitable packaging**

Plastic containers.

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

Occupational exposure controls.

**DNEL: Derived no-effect level.****Exposure Pattern - Workers**

sodium carbonate	Long-term - inhalation - Systemic effects	10 mg/m <sup>3</sup>
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**Exposure Pattern - General population**


sodium carbonate	Acute inhalation - Local effects	10 mg/m <sup>3</sup>
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## 8.2. Exposure controls

	
	Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice. Use appropriate personal protective equipment. Wear suitable protective clothing and eye/face protection. Provide adequate ventilation.
8.2.1. Appropriate engineering controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective threshold limit value. Ensure eyewash stations and safety showers are close to the workstation location.
Eye / face protection	Avoid contact with eyes. If splashes are likely to occur, wear: safety glasses with side-shields.
Skin protection - Handprotection	Rubber gloves.
Respiratory protection	No personal respiratory protective equipment normally required. In case of insufficient ventilation wear suitable respiratory equipment.
8.2.3. Environmental exposure controls	Prevent further leakage or spillage if safe to do so.

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

Appearance	Powder/Crystals.
Colour	White
Odour	Odourless
Odour threshold	No data available
pH	No data available
Melting point	851 °C
Initial boiling point	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	2.52 (H <sub>2</sub> O = 1 @ 20 °C)
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidising properties	No data available
Solubility	Soluble in water

## 9.2. Other information

Conductivity	Not relevant
Surface tension	No data available
Gas group	No data available
Benzene Content	No data available
Lead content	No data available
VOC (Volatile organic compounds)	No data available

## SECTION 10: Stability and reactivity

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## 10.1. Reactivity

Stable under normal conditions. Avoid contact with: Acids.

## 10.2. Chemical stability

Stable under normal conditions.

## 10.3. Possibility of hazardous reactions

No data is available on this product.

## 10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time.

## 10.5. Incompatible materials

Strong acids.

## 10.6. Hazardous decomposition products

Oxides of the following substances: Carbon.

## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

Acute toxicity	based on available data the classification criteria are not met.
Skin corrosion/irritation	based on available data the classification criteria are not met.
Serious eye damage/irritation	Eye Irritation category 2 - Causes serious eye irritation.
Respiratory or skin sensitisation	based on available data the classification criteria are not met.
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.

## 11.1.2. Mixtures

No data available.

## 11.1.3. Hazard Information

No data available.

## 11.1.4. Toxicological Information

sodium carbonate	Dermal Rat LD50: 2000.0 mg/kg Inhalation Rat LC50/4 h: 2300.0 mg/l	Oral Rat LD50: 2800.0 mg/kg
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## SECTION 12: Ecological information

## 12.1. Toxicity

sodium carbonate	Daphnia EC50/48h: 265.0000 mg/l	Fish LC50/96h: 300.0000 mg/l
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## 12.2. Persistence and degradability

The product contains mainly inorganic substances which are not biodegradable.

## 12.3. Bioaccumulative potential

This product does not contain any substances expected to be bioaccumulating.

## Partition coefficient

sodium carbonate No data available

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## 12.4. Mobility in soil

	This product is soluble in water.
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## 12.5. Results of PBT and vPvB assessment

	No data is available on this product.
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## 12.6. Other adverse effects

	No data available.
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**SECTION 13: Disposal considerations**

## 13.1. Waste treatment methods

	Dispose of waste and residues in accordance with local authority requirements.
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## General information

	Dispose of in compliance with all local and national requirements.
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## Disposal of packaging

	Do NOT reuse empty containers. Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations.
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**SECTION 14: Transport information**

## 14.1. UN number

	The product is not classified as dangerous for carriage.
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## 14.2. UN proper shipping name

	The product is not classified as dangerous for carriage.
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## 14.3. Transport hazard class(es)

	The product is not classified as dangerous for carriage.
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## 14.4. Packing group

	The product is not classified as dangerous for carriage.
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## 14.5. Environmental hazards

	The product is not classified as dangerous for carriage.
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## 14.6. Special precautions for user

	The product is not classified as dangerous for carriage.
	No additional special precautions.

## 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

	The product is not classified as dangerous for carriage.
	Not applicable.

**SECTION 15: Regulatory information**

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

## Regulations

	REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
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	COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and
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**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

**15.2. Chemical safety assessment**

No information available.

**SECTION 16: Other information****Other information****Revision**

This document differs from the previous version in the following areas:.

- 2 - 2.1.2. Classification - EC 1272/2008.
- 2 - Hazard pictograms.
- 2 - Signal Word.
- 2 - Precautionary Statement: Prevention.
- 2 - Precautionary Statement: Response.
- 4 - Inhalation.
- 4 - Skin contact.
- 4 - Ingestion.
- 5 - 5.1. Extinguishing media.
- 5 - 5.2. Special hazards arising from the substance or mixture.
- 6 - 6.1. Personal precautions, protective equipment and emergency procedures.
- 6 - 6.2. Environmental precautions.
- 7 - 7.1. Precautions for safe handling.
- 8 - 8.2. Exposure controls.
- 9 - 9.1. Information on basic physical and chemical properties (Appearance).
- 9 - 9.1. Information on basic physical and chemical properties (PH).
- 9 - 9.1. Information on basic physical and chemical properties (Initial boiling point).
- 9 - 9.1. Information on basic physical and chemical properties (Flash point).
- 9 - 9.1. Information on basic physical and chemical properties (Flammability (solid, gas)).
- 9 - 9.1. Information on basic physical and chemical properties (Autoignition temperature).
- 9 - 9.1. Information on basic physical and chemical properties (Explosive properties).
- 9 - 9.1. Information on basic physical and chemical properties (Oxidising properties).
- 9 - 9.1. Information on basic physical and chemical properties (Vapour pressure).
- 9 - 9.1. Information on basic physical and chemical properties (Viscosity).
- 9 - 9.1. Information on basic physical and chemical properties (Vapour density).
- 9 - 9.1. Information on basic physical and chemical properties (Evaporation rate).
- 9 - 9.1. Information on basic physical and chemical properties ( ).
- 9 - 9.1. Information on basic physical and chemical properties ( ).
- 9 - 9.1. Information on basic physical and chemical properties (Solubility).
- 9 - 9.1. Information on basic physical and chemical properties (Odour threshold).
- 9 - 9.2. Other information (Conductivity).
- 9 - 9.2. Other information (Partition coefficient).
- 9 - 9.2. Other information (Gas group).
- 9 - 9.2. Other information (Surface tension).
- 9 - 9.2. Other information (Benzene Content).
- 9 - 9.2. Other information (Product Subcategory).
- 9 - 9.2. Other information (Lead content).
- 10 - 10.2. Chemical stability.
- 10 - 10.4. Conditions to avoid.
- 10 - 10.3. Possibility of hazardous reactions.
- 10 - 10.6. Hazardous decomposition products.
- 10 - 10.1. Reactivity.
- 10 - 10.5. Incompatible materials.
- 11 - 11.1.4. Toxicological Information.
- 11 - Serious eye damage/irritation.
- 12 - 12.4. Mobility in soil.
- 12 - 12.2. Persistence and degradability.
- 12 - 12.3. Bioaccumulative potential.

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## Other information

Text of risk phrases in Section 3	16 - Maximum content of VOC.
	R36 - Irritating to eyes.
	Eye Irrit. 2: H319 - Causes serious eye irritation.
Text of Hazard Statements in Section 3	

## Further information

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
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