

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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CAUSTIC SODA

Revision **2**
Revision date 2015-09-09

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

1.1. Product identifier

Product name	CAUSTIC SODA
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1.3. Details of the supplier of the safety data sheet

Company	Active Brand Concepts Ltd
Address	The Forge Crewe Hall Farm Crewe CW1 5UE
Web	www.homecareproducts.co.uk
Telephone	0844 335 0816
Fax	0844 335 0854
Email	sales@active-brand-concepts.com
Email address of the competent person	sales@active-brand-concepts.com
Local Supplier	
Company	Bulk Products Ltd
Address	Unit 2 Marshfield Bank Middlewich Road Crewe Cheshire CW2 8UY United Kingdom
Web	www.homecareproducts.co.uk
Telephone	0844 335 0816
Fax	0844 335 0854
Email	sales@active-brand-concepts.com
Email address of the competent person	sales@active-brand-concepts.com

1.4. Emergency telephone number

Emergency telephone number	08443350816
Company	James Sharpe 8.30 - 5

SECTION 2: Hazards identification


2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC	C; R35 Symbols: C: Corrosive.
Main hazards	Causes severe burns.
2.1.2. Classification - EC 1272/2008	EUH210; Met. Corr. 1: H290; Skin Corr. 1A: H314; Aquatic Chronic 3: H412;

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2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	EUH210 - Safety data sheet available on request. Met. Corr. 1: H290 - May be corrosive to metals. Skin Corr. 1A: H314 - Causes severe skin burns and eye damage. Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
Precautionary Statement: Prevention	P234 - Keep only in original container. P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER/doctor/. P321 - Specific treatment (see on this label). P363 - Wash contaminated clothing before reuse. P390 - Absorb spillage to prevent material damage.
Precautionary Statement: Storage	P405 - Store locked up. P406 - Store in corrosive resistant/ container with a resistant inner liner.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to

SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
temp_Sodium Hydroxide (Sodium hydroxide)		1310-73-2	215-185-5		90 - 100% C; R35		

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
temp_Sodium Hydroxide (Sodium hydroxide)		1310-73-2	215-185-5		90 - 100%	Met. Corr. 1: H290; Skin Corr. 1C: H314; Aquatic Chronic 3: H412;	

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Inhalation of vapour may cause shortness of breath. Move the exposed person to fresh air. Seek medical attention.
Eye contact	Causes burns. Seek medical attention.
Skin contact	Causes burns. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	Ingestion causes burns to the respiratory tract. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.

SECTION 5: Firefighting measures

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5.1. Extinguishing media

Use as appropriate: Carbon dioxide (CO₂), Dry chemical, Foam.

5.2. Special hazards arising from the substance or mixture

Corrosive. Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters

Wear suitable respiratory equipment when necessary.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid raising dust. Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Wear suitable protective equipment.

6.2. Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

Avoid raising dust. Sweep up. Transfer to suitable, labelled containers for disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

CAUSTIC SODA (Sodium hydroxide)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m ³ : -
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m ³ : 2
	WEL 8-hr limit mg/m ³ total - inhalable dust:	WEL 15 min limit mg/m ³ total - inhalable dust:
	WEL 8-hr limit mg/m ³ total - respirable dust:	WEL 15 min limit mg/m ³ total - respirable dust:

8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear chemical protective clothing.
Eye / face protection	Approved safety goggles.
Skin protection - Handprotection	Chemical resistant gloves (PVC).
Respiratory protection	Wear: Self-contained breathing apparatus.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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9.1. Information on basic physical and chemical properties

Appearance	Pellets
Colour	White
Odour	Slight
pH	> 11.5
Melting point	318
Initial boiling point	1390
Relative density	2.13
Solubility	Soluble in water

9.2. Other information

Bulk Density	= 1.175 g/cm ³
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SECTION 10: Stability and reactivity

10.2. Chemical stability

	Stable under normal conditions.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation	Causes burns.
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11.1.4. Toxicological Information

CAUSTIC SODA	Oral Rat LD50: 325 mg/kg	
temp. Sodium Hydroxide	Oral Rat LD50: 2000 mg/kg	Dermal Rabbit LD50: 500 mg/24h

SECTION 12: Ecological information


SECTION 13: Disposal considerations

General information

	Dispose of in compliance with all local and national regulations.
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SECTION 14: Transport information

Hazard pictograms

	
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14.1. UN number

	UN1823
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14.2. UN proper shipping name

	SODIUM HYDROXIDE, SOLID
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14.3. Transport hazard class(es)

ADR/RID	8
Subsidiary risk	-
IMDG	8
Subsidiary risk	-
IATA	8

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14.3. Transport hazard class(es)	
Subsidiary risk	-
14.4. Packing group	
Packing group	II
14.5. Environmental hazards	
Environmental hazards	No
Marine pollutant	No
ADR/RID	
Hazard ID	80
Tunnel Category	(E)
IMDG	
EmS Code	F-A S-B
IATA	
Packing Instruction (Cargo)	863
Maximum quantity	50 kg
Packing Instruction (Passenger)	859
Maximum quantity	15 kg

SECTION 15: Regulatory information**SECTION 16: Other information****Other information**

Revision	<p>This document differs from the previous version in the following areas:.</p> <ul style="list-style-type: none"> 2 - 2.1. Classification of the substance or mixture. 2 - 2.1.2. Classification - EC 1272/2008. 2 - Hazard pictograms. 2 - Signal Word. 2 - Precautionary Statement: Prevention. 2 - Precautionary Statement: Response. 2 - Precautionary Statement: Storage. 2 - Precautionary Statement: Disposal. 9 - 9.1. Information on basic physical and chemical properties (Appearance). 9 - 9.1. Information on basic physical and chemical properties (Colour). 9 - 9.1. Information on basic physical and chemical properties (Odour). 9 - 9.1. Information on basic physical and chemical properties (PH). 9 - 9.1. Information on basic physical and chemical properties (Solubility). 9 - 9.2. Other information (Bulk Density). 12 - 12.1. Toxicity. 14 - ADR/RID. 14 - IMDG. 14 - IATA. 15 - Labelling. 15 - Risk phrases. 15 - Safety phrases.
Text of risk phrases in Section 3	R35 - Causes severe burns.
Text of Hazard Statements in Section 3	<ul style="list-style-type: none"> Met. Corr. 1: H290 - May be corrosive to metals. Skin Corr. 1C: H314 - Causes severe skin burns and eye damage. Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.

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Further information

	<p>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.</p>
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