



# MATERIAL SAFETY DATA SHEET

Revised 25th April, 2017

## CAUSTIC SODA

### SECTION 1: IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifier

Product name CAUSTIC SODA

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

Identified uses [SU21] Consumer uses: Private households (= general public = consumers); [SU10] Formulation [mixing] of preparations and/or re-packaging (excluding alloys); [PC35] Washing and cleaning products (including solvent based products); [ERC2] Formulation of preparations;

#### 1.3 Details of the supplier of the safety data sheet

Supplier R.K.& J. Jones Ltd  
Southery Road,  
Feltwell,  
Thetford, Norfolk, IP26 4EH.  
(01842) 828101  
Email admin@birdbrand.co.uk

#### 1.4 Emergency telephone number

(01842) 828101 Monday-Friday 08.30 – 17.00 hrs, (01223) 968282 Out of office hours.

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Classification (1999/45/EEC) C; R35  
Symbols C: Corrosive  
Main Hazards Causes severe burns.

Classification (EC 1272/2008) EUH210 Met. Corr. 1: H290 Skin Corr. 1A: H314; Aquatic Chronic 3: H412;

#### 2.2 Label Elements

Label in Accordance with (EC) No. 1272/2008

Hazard pictograms



Signal Word Danger

Hazard Statements 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:

P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT Response 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 approved waste contractor.

**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

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The full text for all R-Phrases and Hazard Statements are Displayed in Section 16.

**SECTION 4: FIRST AID MEASURES****4.1 Description of first aid measures**Ingestion

Ingestion causes burns to the respiratory tract. DO NOT INDUCE VOMITING. If swallowed seek medical attention immediately and show this container or label.

Skin contact

Causes burns. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist

Eye contact

Causes burns. Seek medical attention.

**SECTION 5: FIRE FIGHTING MEASURES**

**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**

CAUSTIC SODA (Sodium hydroxide)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: -
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: 2
	WEL 8-hr limit mg/m3 total inhalable dust: -	WEL 15 min limit mg/m3 total inhalable dust: -
	WEL 8-hr limit mg/m3 total respirable dust: -	WEL 15 min limit mg/m3 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/Hand protection 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**

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<sup>3</sup>

**SECTION 10: STABILITY AND REACTIVITY**

**10.2 Chemical stability** Stable under normal conditions.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1 Information on toxicological effects**

**Skin corrosion/irritation** Causes burns.

## 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**

Dispose of in compliance with all local and national regulations.

**SECTION 14: TRANSPORT INFORMATION****Hazard pictograms**

<b>14.1. UN number</b>	UN1823
<b>14.2. UN proper shipping name</b>	SODIUM HYDROXIDE, SOLID
<b>14.3. Transport hazard class(es)</b>	
ADR/RID	8
Subsidiary risk	-
IMDG	8
Subsidiary risk	-
IATA	8
Subsidiary risk	-
<b>14.4. Packing group</b>	
Packing group	II

**14.5. Environmental hazards**

<b>Environmental hazards</b>	No
<b>Marine pollutant</b>	No
<b><u>ADR/RID</u></b>	
<b>Hazard ID</b>	80
<b>Tunnel Category</b>	(E)
<b><u>IMDG</u></b>	
<b>EmS Code</b>	F-A S-B
<b><u>IATA</u></b>	
<b>Packing Instruction (Cargo)</b>	863
<b>Maximum quantity</b>	50 kg
<b>Packing Instruction (Passenger)</b>	859
<b>Maximum quantity</b>	15 kg

**SECTION 15: REGULATORY INFORMATION****SECTION 16: OTHER HEALTH AND SAFETY INFORMATION**

Text of Hazard Statements in Section 3

	R35	Causes severe burns.
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.

Further information

Disclaimer

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own use.

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APPROVED R JONES