



# SAFETY DATA SHEET

5215 | SODA ASH

## 1. Identification of substance/preparation and of the company undertaking

<b>Trade Name:</b>	Soda Ash
<b>Chemical Name:</b>	-

## 2. Composition /information on ingredients

Component	CAS	EINECS
Sodium Carbonate	497-19-8	207-838-8

## 3. Hazards Identification

<b>IRRITANT:</b>	The dust may be irritating to the skin and eyes. If ingested it may cause irritation to the mouth, throat and digestive tract. Inhalation of dust may cause irritation to the upper respiratory tract.
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## 4. First Aid Measures

<b>Inhalation:</b>	Inhalation of the dust may cause irritation of the respiratory tract. Remove patient to fresh air. Seek medical aid.
<b>Skin:</b>	Contact with skin may cause irritation. Wash with soap and water. If irritation persists get medical aid.
<b>Ingestion:</b>	If ingested in large amounts will cause irritation of the gastrointestinal tract. Do not induce vomiting. If patient vomits turn into the recovery position. Give copious amounts of water to drink. Get medical aid.

## 5. Fire Fighting Hazards

<b>Not combustible:</b>	If involved in fire toxic fumes may be evolved. Self- contained breathing apparatus should be worn.
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## 6. Accidental Release Measure

Do not inhale dust. Wear protective gloves and goggles. Shovel up material, transfer to a suitable container and deposit in a safe place for a subsequent disposal. If major spillage occurs inform authorities.

## 7. Handling & Storage

Keep in tightly closed containers in a dry area. Wear protective gloves and goggles. Avoid contact with skin and eyes. Ensure good ventilation if dust may be generated.

## 8. Exposure Control/Personal Protection

Occupational Exposure Standard (OES) EH 40/92.

This material is not listed as a specific chemical, it is suggested that it is controlled as a dust hazard.

10.0 mg/m <sup>3</sup>	(Total inhalable dust)	{8 hour TWA}
5.0 mg/m <sup>3</sup>	(Respirable dust)	{8 hour TWA}

Where possible the airborne concentration should be kept as low as possible by the use of appropriate ventilation and collection measures. If this is not practicable then personal protection should be worn.

<b>Respiratory Protection:</b>	If dusts may be generated wear an approved mask to BS 2091 Type B.
<b>Hand Protection:</b>	Wear PVC gloves.
<b>Eye Protection:</b>	Wear chemical goggles to BS 2092.

## 9. Physical & Chemical Properties

<b>Appearance:</b>	White powder
<b>Odour:</b>	Odourless
<b>Specific Gravity @ 20° C:</b>	1.4-1.9
<b>Melting Point</b>	851° C
<b>Boiling Point</b>	N/A
<b>Solubility in water</b>	Moderately (471 g/l)

## 10. Stability & Reactivity

<b>Stable under normal conditions:</b>	Can react violently with aluminium, Sulphuric acid, phosphorous pentoxide, lithium etc. Will react with acids liberating carbon dioxide.
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## 11. Toxicological Information

The material may cause irritation to skin and irritation to the eyes unless promptly treated. Inhalation or ingestion of dust may cause irritation.

## 12. Ecological Information

This material is a moderately toxic hazard to aquatic life and mammals.

LD<sub>50</sub> (oral rat) 4000 mg/ kg.

## 13. Disposal Considerations

Waste material should be shovelled up.	Placed in a suitable labelled container, in a safe dry place and disposed of in accordance with the Control of Pollution Act 1974 and Special Waste Regulations 1980. Small amounts may be washed away with large quantities of water.
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## 14. Transport Information

This material is not classified as dangerous for transport under any UK or International Regulations.

## 15. Regulatory Information

<b>Nature of risk:</b>	Irritant.	
<b>R Phrases</b>	R36	Irritating to eyes.
<b>S Phrases</b>	S2	Keep out of reach of children.
	S22	Do not breathe dust.
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.



## 16. Other Information

<b>COSHH ACOP</b>	HSC approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994
<b>CHIP 96</b>	Chemicals (Hazard Information and Packaging for Supply) Regulations 1996
<b>CHIP SDS ACOPS</b>	HSC Approved Code of Practice for Safety data Sheets in accordance with regulation 6 of the CHIP regulations
<b>HSE EH40</b>	HSE Guidance note EH40 on Occupational Exposure Limits to be used in conjunction with the COSHH regulations