

1. Identification

Product Code **CS4096-56**

Product Name **SODIUM HYDROGEN CARBONATE A.R.**

Molecular Formula $\text{NaHCO}_3 = 84.01$

CAS Number 144-55-8

Supplier:  **BEECROFT & PARTNERS**
 Northfield Road
 Rotherham
 South Yorkshire

Phone 01709-377881
 Fax 01709-369264

Emergency Telephone 08:30-1700 01709-377881
 24hr 112
 (Have this document to hand)

2. Composition

No hazardous components

3. Hazards Identification

Not considered harmful

4. First Aid Measures

Eyes Irrigate thoroughly with plenty of water for at least 10 minutes, holding the eye open. If discomfort persists OBTAIN MEDICAL ATTENTION.

Skin Wash off skin thoroughly with water.

Inhalation Remove from exposure.

Ingestion Wash out the patients mouth thoroughly with water. In severe cases or if exposure has been great, OBTAIN MEDICAL ATTENTION.

5. Fire Fighting Measures

Hazards Presents no specific fire danger.

Extinguishing Media Consider what other flammable materials are present and act accordingly.

Unsuitable Media Nothing specified.

6. Accidental Release Measures

Personal Protection Presents no major hazards.

Enviromental Notify the Environmental Agency and local Environmental Health Officer if major spillage occurs.

Major Spillage Shovel/sweep up into container for removal Wash area down with copious amounts of water.

6. Accidental Release Measures (continued)

Minor Spillage Wash area down with copious amounts of water.

7. Storage & Handling

Handling Precautions Avoid contact with skin and eyes. Do not breath dust. Do not allow to contaminate clothing.

 Ensure Local Exhaust Ventilation maintains dust concentrations to a minimum.

Storage Conditions Well ventilated, cool, dry storage . Keep well separated from acids.

8.1 Occupational Exposure Limits

No prescribed exposure limits available

8.2 Personal Protection

Respiratory If process creates significant amounts of dust use L.E.V. or wear suitable dust mask.

Hands Wear gloves.

Eyes Use chemical splash proof glasses or goggles.

Skin Avoid contact with skin. If skin contact or contamination of clothing is likely, protective clothing must be worn.

9. Physical & Chemical Properties

Appearance White powder.

Odour No specific odour.

pH 9 @ 20 °C

Boiling point Not available

Melting point 270.0 °C

Flash point Not available

Upper Flammable Limit Not available

Lower Flammable Limit Not available

Auto Ignition Not available

Explosive properties No.

Oxidising Properties No.

Vapour Pressure Not available

Relative Density 2.2200

Water Solubility 9%

10. Stability & Reactivity

Chemical Stability Stable under normal conditions

Conditions to Avoid Avoid contact with acids.

Materials to Avoid Acids.

Hazardous None unusual.

Decomposition Products

11. Toxicological Information

Eyes Contact with the solid or dust may be irritating to the eyes but unlikely to cause serious injury.

Skin Contact with the solid or dust may be mildly irritating to the skin..

LD50 Skin Not available

Ingest Low order of acute toxicity.

LD50 Ingest Oral rat 4220 mg/Kg

Inhalation Presents no significant health hazard by inhalation.

11. Toxicological Information (continued)

Carcinogenicity	Not considered to be a carcinogen.
Mutagenicity	Not considered to be a mutagen.
Reproductive Effects	None identified.
Other Information	Used in the food industry.

12. Ecological

No specific environmental hazard.

13. Disposal Considerations

Disposal Methods	Flush to drain.
Contaminated Packaging	Wash out containers with water. Use a licensed waste disposer.

14. Transport Information

Proper Shipping Name	Non-restricted
UN Number	Non-restricted
UN Classification	None
Subsidiary Risk	None
Flash Point	Not available
Packing Group	None
Marine pollutant	No
ADR Hazard ID	Non-restricted

15. Regulatory Information

Labelling	None
Classification	
Label Symbols	None
Risk & safety Phrases	Do not breath dust. Avoid contact with eyes.
EEC Number	205-633-8

16. Other Information

Document Information	This document has been prepared in accordance with directive 88/379/EEC. The information contained in this document only covers the hazards presented by this material, it DOES NOT constitute a workplace risk assessment. Revision Date: 1/09/95. Data reviewed and PDF file generated: 07/06/04. Copyright 2004 Beecroft & Partners.
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