

**1. Identification**

Product Code CS3074-56

Product Name SODIUM CARBONATE ANHYDROUS  
(soda ash)

CAS Number 497-19-8

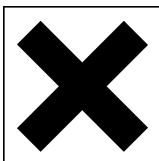
Supplier:  BEECROFT & PARTNERS  
Northfield Road  
Rotherham  
South Yorkshire

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24hr 112  
(Have this document to hand)

**2. Composition**

| Component        | CAS No   | EEC No    | Conc w/w | Classification & Risk Phrases | Exp (See 8.1) |
|------------------|----------|-----------|----------|-------------------------------|---------------|
| Sodium carbonate | 497-19-8 | 207-838-8 | > 99.0%  | Xi : R36                      | N/A           |

**3. Hazards Identification**

Irritating to eyes.

**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 . Product is hygroscopic: store in sealed containers away from heat, light and humidity.

## 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      12 (10% solution)

Boiling point      Not available

Melting point      891.0 °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      2.5300

Water Solubility      30%

## 10. Stability & Reactivity

Chemical Stability      Stable under normal conditions

Conditions to Avoid      Avoid ingress of water and contact with acids.

Materials to Avoid      Acids.

Hazardous Decomposition Products      None unusual.

## 11. Toxicological Information

Eyes      The solid and solutions will be irritating to the eyes.

Skin      The solid and solutions will be irritating to the skin.

LD50 Skin      Not available

Ingest      Low order of acute toxicity.

LD50 Ingest      Oral rat 4090 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.                   |

## 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

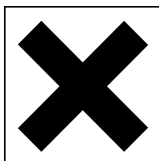
|                      |                |
|----------------------|----------------|
| Proper Shipping Name | Non-restricted |
| UN Number            | Non-restricted |
| UN Classification    | None           |
| Subsidiary Risk      | None           |
| Flash Point          | Not available  |
| Packing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

## 15. Regulatory Information

|                |           |
|----------------|-----------|
| Labelling      | Irritant. |
| Classification |           |

Label Symbols

Xi



|                       |                                                                                                                                                                      |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Risk & safety Phrases | Irritating to eyes. Keep out of reach of children. Do not breath dust. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|            |           |
|------------|-----------|
| EEC Number | 207-838-8 |
|------------|-----------|

## 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.

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