

# Camlab Limited – Material Safety Data Sheet

## 1. Identification

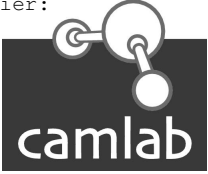
Product Code CC/0601-DA

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

Molecular Formula **NaHCO<sub>3</sub> =84.01**

CAS Number **144-55-8**

Supplier: **CAMLAB LIMITED**  
**Norman Way Industrial Estate**  
**Over**  
**Cambridge**  
**England**  
**CB4 5WE**



Phone **01954 233110**

Fax **01954 233101**

Emergency Telephone **08:00-17:00 01954 233110**  
**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.

Environmental 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 Workplace 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 °C  
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
Transport Category	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: 12/09/06. Data reviewed and PDF file generated: 17/03/10. Copyright 2010 Camlab Limited.
----------------------	---