



# Safety Data Sheet

## Legal Disclaimer

The information and recommendations in this publication are, to the best of our knowledge, information and belief, accurate at the date of publication. Nothing herein is to be construed as a warranty, express or implied. In all cases it is the responsibility of the users to determine the applicability of such information or the suitability of any products for their own particular purpose.

Creation Date 26.01.00

Revision Date 07.08.2009

Page 1 of 5

## 1. Identification of Products

Product Name: Sodium Bicarbonate  
Product Code: 20 00 578 250

Distributed by: Golden Coast Ltd | Fishleigh Road | Roundswell Commercial Park West | Barnstaple | Devon | EX31 3UA | Tel: 01271 378100 | e-mail: swimmer@goldenc.com

## 2. Composition

Hazardous Ingredients: Sodium Bicarbonate  
Conc.: 90 - 100%  
CAS: 144-55-8  
EINECS: 205-633-8  
Symbols/Risk Phrases: -

## 3. Hazard Identification

**Main Hazards:**  
No significant hazard

## 4. First Aid Measures

### Eye contact:

May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

### Skin contact:

May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

### Ingestion:

May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

### Inhalation:

May cause irritation to mucous membranes. Move the exposed person to fresh air.



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Page 2 of 5

## 5. Fire Fighting Measures

### Extinguishing media:

Use extinguishing media appropriate to the surrounding fire conditions.

### Fire hazards:

Burning produces irritating, toxic and obnoxious fumes.

### Protective equipment:

Wear suitable respiratory equipment when necessary.

## 6. Accidental Release Measures

### Personal precautions:

Ensure adequate ventilation of the working area.

### Environmental precautions:

Do not allow product to enter drains. Prevent further spillage if safe.

### Clean up methods:

Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

## 7. Handling and Storage

### Handling:

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.

### Storage:

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.



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Page 3 of 5

## 8. Exposure Controls / Personal Protection

### Engineering measures:

Ensure adequate ventilation of the working area.

### Occupational exposure controls:

COSHH - Due consideration should be given to your control systems and the need for assessment.

### Protective equipment:

Wear protective clothing. Protective equipment should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective equipment to chemicals should be ascertained with the respective supplier.

### Hand protection:

Chemical resistant gloves (PVC)

### Eye protection:

In case of splashing, wear: Approved safety goggles.

## 9. Physical and Chemical Properties

Description	Powder
Colour	White
Odour	Odourless
pH	8.6 (1% solution @ 25 C)
Vapour pressure	975 hPa @ 100 C
Relative density	2.2 kg/dm <sup>3</sup> @ 20 C
Water solubility	Soluble in water
Melting point	270°C



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Page 4 of 5

## 10. Stability and Reactivity

### Stability:

Stable under normal conditions.

### Conditions to avoid:

Burning produces irritating, toxic and obnoxious fumes. Moisture. Store at temperatures below 50 °C.

### Materials to avoid:

Strong acids. Strong oxidising agents.

### Hazardous decomposition products:

Carbon oxides.

## 11. Toxicological Information

### Sodium Bicarbonate

Oral Mouse LD50 = 3360 mg/kg

Oral Rat LD50 = 4220 mg/kg

## 12. Ecological Information

### Ecotoxicity

Sodium Bicarbonate

Daphnia EC50/48h = 2350 mg/l mg/l

Bluegill sunfish LC50/96h = 8250 mg/l

## 13. Disposal Considerations

### General information:

Dispose of in compliance with all local and national regulations.

## 14. Transport Information

### Further information:

The product is not classified as dangerous for carriage.



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Page 5 of 5

## 15. Regulatory Information

### Risk phrases:

NSH - No Significant Hazard.

## 16. Other Information

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 other process.

### Note:

This data sheet does not constitute a user's assessment of workplace risk as required by HSW act, COSHH, management of health and safety at work regulations, or other health and safety legislation.