

DESSIKARB®

1. IDENTIFICATION OF THE SUBSTANCE AND COMPANY

Product Name	:	DESSIKARB
Chemical Name	:	Sodium Bicarbonate
Alternative Name	:	Bicarbonate of Soda, Baking Soda, Soda Bicarb Sodium Hydrogen Carbonate
Chemical Formula	:	NaHCO ₃
Manufacturing Sites	:	Northwich West
Company Address	:	Brunner Mond PO Box 4 Mond House Northwich Cheshire CW8 4DT
Emergency Telephone Number	:	+44 (0) 1606 781000

2. COMPOSITION/INFORMATION ON INGREDIENTS

- **Sodium Bicarbonate**
 - CAS Number : 144 - 55 - 8
 - EC Number : 205 - 633 - 8

3. HAZARDS IDENTIFICATION

- A substance of low toxicity widely used in food and medicine.
- Treat as low toxicity dust
- No significant health or environmental hazards associated with the material

4. FIRST AID MEASURES

Inhalation

- Remove to fresh air

Skin Contact

- Wash skin with plenty of water
- If irritation occurs and persists seek medical advice

Eye Contact

- Irrigate eye thoroughly with eye wash solution or clean water for at least 10 minutes.
- Eyelids should be held away from the eyeball to ensure thorough rinsing.
- Obtain medical attention if necessary.

Ingestion

- DO NOT induce vomiting
- Wash out mouth with water and give plenty of water to drink (at least 300 ml.)
- Obtain medical advice if necessary.

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5. FIRE-FIGHTING MEASURES

Flash Point

- Non-combustible

Extinguishing Media

- All extinguishing products are allowed

Special Hazards

- Non-combustible

Hazardous Decomposition Products (under fire conditions)

- Not applicable

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

- See personal protection measures given in Section 8

Environmental Precautions

- Prevent discharges into the environment (rivers, water courses, sewers etc.)
- See Section 13 for disposal details

Methods for clean up

- Clear up spillages by suitable means, avoiding dust formation
- Collect as much as possible in a suitable clean container, preferably for re-use, otherwise for disposal.
- Wash the spillage area with large quantities of water.

7. HANDLING AND STORAGE

Handling

- Atmospheric levels should be controlled in compliance with the occupational exposure limit.
- Skin protection should be worn for regular and continuous use.

Storage

- Store in a cool dry place (in humid conditions the product will absorb moisture from the atmosphere and this will eventually cause caking and loss of free flowing properties)
- Do not store adjacent to acids

Fire and Explosion Prevention

- Non-combustible

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls

- Provide adequate ventilation
- In the case of insufficient ventilation, wear suitable respiratory equipment

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Eye Irritation

- Dust may cause discomfort

Skin Irritation

- No known effects

Long Term Exposure

- No known effects

12. ECOLOGICAL INFORMATION

Acute Ecotoxicity

- Fish, *Lepomis macrochirus* : 96hr-LC50 : 8600mg/l
- *Daphnia* sp. : 48hr-LC50 : 2350mg/l

Bio-degradability

- Aerobic/Anaerobic degradation : Not applicable (inorganic compound)

13. DISPOSAL CONSIDERATIONS

Product

- Must be disposed in accordance with local, state or national regulations
- Do not dispose of directly with acids
- Dissolve in water and neutralise with an acid

Packaging

- Must be disposed in accordance with local, state or national regulations
- Contact the manufacturer about recycling

14. TRANSPORT INFORMATION

- Not classified as hazardous for transport.

- **Land Transport**

ADR Class	Not restricted	ADR item number	Not relevant
RID Class	Not restricted	RID item number	Not relevant
TREM-card	Not relevant	UN Number	None
Hazard identification number	None	Substance identification number	None
Proper shipping name	None		

- **Sea Transport**

IMO/IMDG	Not regulated	Class	Not relevant
Packing group	None	UN number	None
EMS	Not relevant	MFAG	Not relevant
Marine pollutant	No		
Proper shipping name	Not relevant		

- **Air Transport**

ICAO-TI/IATA-DGR Class	Not regulated	UN number	None
Proper shipping name	None	Packing number	None

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15. REGULATORY INFORMATION

- **Not classified as dangerous for supply or conveyance**
- Meets the requirements of CHIP

16. OTHER INFORMATION

The information only concerns the above mentioned product and is not necessarily valid if used with other product(s) or in any process. It does not constitute a hazard assessment and should not be used in place of the user's own assessment of workplace risks as required by other health and safety legislation. The information is to our best present knowledge correct and complete and is given in good faith but without warranty.

The following sections contain revisions or new statements: 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15

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