

## Section 1. Product And Company Identification

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**Identification:**

Product Name: Bicarbonate Concentrate Powder  
BC-1 Series – Renasol® Bicarbonate Powder  
MB-330 Series – Centrisol® Bicarbonate Powder

Company Identification: Minntech Corp  
14605 28<sup>th</sup> Avenue North  
Minneapolis, MN 55447  
1-800- 328-3340  
(763) 553-3300

Emergency Telephone Number: CHEMTREC 1-800-424-9300, (703) 527-3887

## Section 2. Composition/Information on Ingredients

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| Component          | CAS #     | Amount (percentage by Weight) | PEL  |
|--------------------|-----------|-------------------------------|------|
| Sodium Bicarbonate | 144-55-8  |                               | PNOC |
| Sodium Chloride    | 7647-14-5 |                               | PNOC |

The amount (percentage by weight) is specific to the product  
PNOC (Particulate Not Otherwise Classified): Respirable Fraction 5mg/m<sup>3</sup> and Total Dust 15 mg/m<sup>3</sup>.

## Section 3. Hazards Identification

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**Appearance:** White  
**Physical State:** Powder  
**Odor:** None  
**Hazards of Product:** Non Hazardous

**Potential Health Effects**

**Inhalation:** Non-hazardous  
**Ingestion:** Non-hazardous  
**Skin Contact:** Non-irritating  
**Eye Contact:** Can cause irritation to the eyes.

## Section 4. First Aid Measures

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**Eyes and Skin:** If irritation should occur to broken or abraded skin, wash with copious amounts of water.

**Ingestion:** Non-hazardous

**Inhalation:** Non-hazardous

## Section 5. Fire Fighting Measures

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**Flash Point:** N/A  
**Flammable Limits:** N/A  
**Extinguishing Media:** N/A  
**Unusual Fire and Explosion Hazards:** Does not support combustion

## Section 6. Accidental Release Measures

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This product is non-hazardous and can be flushed to the sanitary sewer. Observe all federal, state and local regulations. Do not reuse the liquid material.

## Section 7. Handling and Storage

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**General Handling:** Keep container closed when not in use. Store at room temperature. Avoid exposure to extreme temperatures and humidity. Store unused product in original closed container. Once the product has been removed, do not return to the original container.

**Ventilation:** Local Exhaust

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## Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eyewear:** Not required but recommended to be worn.  
**Gloves:** Not required but recommended to be worn.  
**Clothing:** Not required.  
**Respirator:** Not required.

## Section 9. Physical and Chemical Properties

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**Physical State:** Powder  
**Appearance:** White  
**pH (as a concentrate):** 7.0-8.0 (when mixed)  
**Solubility in Water (By Weight):** Complete (when mixed)  
**Odor:** None  
**Molecular Weight:** ND  
**Boiling Point (760 mmHg):** ND  
**Freezing Point:** ND  
**Specific Gravity (H<sub>2</sub>O = 1):** ND  
**Vapor Pressure at 20 C:** ND  
**Vapor Density (air = 1):** ND  
**Evaporation Rate (Butyl Acetate = 1):** ND  
**Melting Point:** ND

## Section 10. Stability and Reactivity

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**Conditions to Avoid:** None Known  
**Incompatible:** Materials: Acids  
**Hazardous Polymerization:** Will not occur.  
**Hazardous Decomposition:** Will not occur.

## Section 11. Toxicological Information

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Bicarbonate Concentrate Powder as a product was tested and determined not to be toxic to humans.

Cancer Related Information:

| Ingredient         | CAS Numbers | NTP                       | IARC | OSHA |
|--------------------|-------------|---------------------------|------|------|
| Sodium Bicarbonate | 144-55-8    | Known: NO Anticipated: NO | None | NO   |
| Sodium Chloride    | 7647-14-5   | Known: NO Anticipated: NO | None | NO   |

## Section 12. Ecological Information

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**Environmental Fate:** No information found.  
**Environmental Toxicity:** No information found

## Section 13. Disposal Considerations

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Dispose of this product in accordance with all applicable Federal, State and Local regulations.

## Section 14. Transport Information

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This product is not defined as a hazardous material in accordance with the Department of Transportation.

## Section 15. Regulatory Information

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### International Inventory Status:

| Ingredient         | CAS Numbers | EC  | Japan | Australia | Korea | Canada: DSL | Canada: NDSL |
|--------------------|-------------|-----|-------|-----------|-------|-------------|--------------|
| Sodium Bicarbonate | 144-55-8    | YES | YES   | YES       | YES   | YES         | NO           |
| Sodium Chloride    | 7647-14-5   | YES | YES   | YES       | YES   | YES         | NO           |

### United States:

| Ingredient         | CAS Numbers | OSHA | CAA | CWA | RCRA | SARA 302 | SARA 313 | TSCA |
|--------------------|-------------|------|-----|-----|------|----------|----------|------|
| Sodium Bicarbonate | 144-55-8    | NO   | NO  | NO  | NO   | NO       | NO       | NO   |
| Sodium Chloride    | 7647-14-5   | NO   | NO  | NO  | NO   | NO       | NO       | NO   |

**CA Proposition 65:** This product is not affected by CA Proposition 65.

**WHMIS (Canada):** This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

## Section 16. Other Information

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### NFPA Ratings:

Flammability: 0  
Health: 0  
Reactivity: 0  
Specific Hazard: None

### HMIS Ratings:

Flammability: 0  
Health: 0  
Reactivity: 0  
PPE: B

**Origination Date:** 4/11/97  
**Revision Date:** 07-14-06  
**Prepared By:** Risk Manager