

## Section 1. Product and Company Identification

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### Identification:

Product Name: Liquid Bicarbonate Concentrate  
BC-1-L – Renasol® Liquid Bicarbonate  
MB-330-L – Centrisol® Liquid Bicarbonate  
LB-6-L – Sta-pak® Liquid Bicarbonate

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, or (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		NE
Sodium Chloride	7647-14-5		NE
Water	7732-18-5		NE

The amount (percentage by weight) is specific to the product  
NE: None Established

## Section 3. Hazards Identification

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**Appearance:** Clear  
**Physical State:** Liquid  
**Odor:** None  
**Hazards of Product:** Non-Hazardous

### Potential Health Effects

**Inhalation:** Non-hazardous  
**Ingestion:** Non-hazardous  
**Skin Contact:** Non-irritating  
**Eye Contact:** Non-irritating

## 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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Contain the spill. If allowed by federal, state or local regulatory authority, flush spill to the sewer. 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 in a dry area between 40-90F. Store unused product in original closed container. Once the product has been removed, do not return to the original container.

**Ventilation:** Local Exhaust

## Section 8. Exposure Controls/Personal Protection

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**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:** Liquid  
**Appearance:** Clear  
**pH (as a concentrate):** 7.0 – 8.3  
**Solubility in Water (By Weight):** Complete  
**Odor:** None  
**Molecular Weight:** ND  
**Boiling Point (760 mmHg):** ND  
**Freezing Point:** ND  
**Specific Gravity (H<sub>2</sub>O = 1):** 1.1  
**Vapor at Pressure at 20 C:** NA  
**Vapor Density (air = 1):** 1  
**Evaporation Rate (Butyl Acetate = 1):** NA  
**Melting Point:** NA

## 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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Liquid Bicarbonate Concentrate 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
Water	7732-18-5	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
Water	7732-18-5	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
Water	7732-18-5	YES	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:** 04-11-97  
**Revision Date:** 07-14-06  
**Prepared By:** Risk Manager