



**Chief Medical Supplies Ltd.**  
411 – 19 Street, S. E.  
Calgary, AB., Canada.  
T2E 6J7  
1.866.620.6034

## Safety Data Sheet Liquid Bicarbonate Concentrate B-38

Document No. M-D6-005

### Section I – Product and Company Identification

**Synonyms:** Sodium hydrogen carbonate; sodium acid carbonate; baking soda; bicarbonate of soda

**CAS No.:** 144-55-8

**Molecular Weight:** 84.01

**Chemical Formula:** NaHCO<sub>3</sub>

**Product Code:** B38

**Company Identification:**

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**For information, call:**

1-403-207-6034

**Emergency Number:**

1-403-207-6034

### Section II – Hazards Identification

**Appearance:** Clear

**Physical State:** Liquid

**Odor:** None

**Hazards of Product:** None

**Potential Health Hazards:** Non-Hazardous

### Section III – Composition/Information on Ingredients

Ingredient Name	Chemical Formula	CAS No.	% by weight
Sodium bicarbonate	NaHCO <sub>3</sub>	144-55-8	14.4

### Section IV – First Aid Measures

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

**Eye Contact:** If irritation should occur, flush with copious amounts of water. Obtain medical attention if eye irritation persists.

**Inhalation:** None

**Ingestion:** None

## Section V – Fire Fighting Measures

<b>Conditions of flammability:</b>	Not flammable
<b>Means of extinction:</b>	Not flammable
<b>Flash point and method of determination:</b>	Not flammable
<b>Upper flammable limit:</b>	Not available
<b>Lower flammable limit:</b>	Not available
<b>Auto-ignition temperature:</b>	Not available
<b>Hazardous combustion products:</b>	Not available
<b>Explosion data - sensitivity to mechanical impact:</b>	Not available
<b>Explosion data - sensitivity to static discharge:</b>	Not available

## Section VI – Accidental Release Measures

**Spills:** Flush area with water. Wear appropriate protective clothing and equipment during clean up. Dispose of in accordance with Local, State and Federal regulations.

## Section VII – Handling and Storage

**Handling Procedures:** Not available.

**Storage Requirements:** Store at room temperature; do not freeze.

## Section VIII – Exposure Controls/Personal Protection

**Engineering Controls:** Not available

### Personal Protection

**Eyewear:** Safety glasses or goggles not required but recommended

**Gloves:** Protective gloves not required but recommended

**Clothing:** Not required

## Section IX – Physical and Chemical Properties

**Physical state:** Liquid

**Odour and appearance:** Clear and odourless

**Specific gravity:** 1.0 – 1.1 g/mL

**pH:** 7.5 – 8.5

**Solubility in water:** Complete

## Section X – Stability and Reactivity

**Stability:** Stable

**Conditions to avoid:** Not available

**Incompatible materials:** Acids

**Conditions of reactivity:** Not available

**Hazardous decomposition products:** Not available

## **Section XI – Toxicological Information**

**Route of entry:** Not available

**Effects of acute exposure:** Not available

**Effects of chronic exposure:** Not available

**Exposure limits:** Not available

## **Section XII – Ecological Information**

**Environmental Fate:** No information found.

**Environmental Toxicity:** No information found.

## **Section XIII – Disposal Considerations**

**Waste disposal:** Dispose of in accordance with Local, State and Federal regulations.

## **Section XIV – Transport Information**

**Special shipping information:** Not available

**Transport of Dangerous Goods (TDG):** None

**Department of Transportation (DOT):** None

**International Maritime Dangerous Goods (IMO):** None

**International Civil Aviation Organization (ICAO):** None

## **Section XV – Regulatory Information**

**WHIMIS classification:** None

**OSHA:** Not hazardous under 29 CFR 1910.1200

## **Section XVI – Other information**

*SDS creation date: Nov 9, 2007*

*Last revision date: Jan 08, 2016*

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Chief Medical Supplies be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Chief Medical Supplies has been advised of the possibility of such damages.

***This product has been classified in accordance with the hazard criteria of the CPR  
and the SDS contains all of the information required by the CPR***