



**REPRODUCTION INFORMATION:**

Reproductive data cited in "Registry of Toxic Effects of Chemical Substances" for Sodium Bicarbonate and Sodium Carbonate in mice.

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**Section 4. First Aid Measures – In all cases, seek qualified evaluation.**

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**EYE CONTACT:** Irrigate immediately with large quantity of water for at least 15 minutes. Call a physician if irritation develops.

**INHALATION:** Remove to fresh air. Give artificial respiration if necessary. If breathing is difficult, give oxygen.

**SKIN CONTACT:** Flush with plenty of water for at least 15 minutes. Call a physician if irritation develops.

**INGESTION:** Dilute with water or milk. Call a physician if necessary.

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**Section 5. Fire Fighting Measures**

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**FLAMMABLE PROPERTIES:**

FLASH POINT: N/A

METHOD USED: N/A

**FLAMMABLE LIMITS**

LFL: N/A

UFL: N/A

**EXTINGUISHING MEDIA:** Use any means suitable for extinguishing surrounding fire.

**FIRE & EXPLOSION HAZARDS:** Not considered to be a fire or explosion hazard.

**FIRE FIGHTING INSTRUCTIONS:** Use normal procedures/instructions.

**FIRE FIGHTING EQUIPMENT:** Use protective clothing and breathing equipment appropriate for the surrounding fire.

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**Section 6. Accidental Release Measures**

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Absorb with suitable material and treat as normal refuse. Small amounts of the liquid may be flushed to the drain with excess water. Always dispose of in accordance with local regulations.

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**Section 7. Handling and Storage**

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As with all chemicals, wash hands thoroughly after handling. Avoid contact with eyes and skin. Protect from freezing and physical damage. SAFETY STORAGE CODE: GENERAL

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**Section 8. Exposure Controls / Personal Protection**

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**ENGINEERING CONTROLS:** No specific controls are needed. Normal room ventilation is adequate.

**RESPIRATORY PROTECTION:** Normal room ventilation is adequate.

**SKIN PROTECTION:** Chemical resistant gloves.

**EYE PROTECTION:** Safety glasses or goggles.

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**Section 9. Physical and chemical Properties**

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**APPEARANCE:** Clear, blue colored liquid

**pH:** 10

**ODOR:** Odorless

**BOILING POINT (°C):** approximately 100

**SOLUBILITY IN WATER:** Infinite

**MELTING POINT (°C):** approximately 0

**SPECIFIC GRAVITY:** approximately 1

**VAPOR PRESSURE:** N/A

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**Section 10. Stability and Reactivity**

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**CHEMICAL STABILITY:** Stable under normal conditions of use and storage.

**INCOMPATIBILITY:** Acids

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of Sodium.

**HAZARDOUS POLYMERIZATION:** Will not occur.

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**Section 11. Toxicological Information**

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LD50, Oral, Rat: 4090 mg/kg (Sodium Carbonate), 4220 mg/kg (Sodium Bicarbonate), details of toxic effects not reported other than lethal dose value.

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**Section 12. Ecological Information**

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**ECOTOXICOLOGICAL INFORMATION:** No information found.

**CHEMICAL FATE INFORMATION:** No information found.

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**Section 13. Disposal Considerations**

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Dilute with water, then flush to sewer if local regulations allow. If not allowed, save for recovery or recycling in an approved waste disposal facility. Always dispose of in accordance with local, state and federal regulations.

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**Section 14. Transport Information (Not meant to be all inclusive)**

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**D.O.T. SHIPPING NAME:** Not regulated  
**D.O.T. HAZARD CLASS:** None  
**U.N. / N.A. NUMBER:** None  
**PACKING GROUP:** None  
**D.O.T. LABEL:** None

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**Section 15. Regulatory Information (Not meant to be all inclusive - selected regulation represented)**

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**OSHA STATUS:** The above items either do not contain any specifically hazardous material or the potentially hazardous material is present in such low concentration that the items do not present any immediate threat to health and safety. These items do not meet the OSHA Hazard Communication Standard (29 CFR 1910.1200) definition of a hazardous material.

**TSCA STATUS:** All components of this solution are listed on the TSCA Inventory.

**CERCLA REPORTABLE QUANTITY:** Not reportable

**SARA TITLE III:**

**SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES:** No

**SECTION 311/312 HAZARDOUS CATEGORIES:** No

**SECTION 313 TOXIC CHEMICALS:** No

**RCRA STATUS:** No

**CALIFORNIA PROPOSITION 65:** Not listed.

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**Section 16. Other Information**

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<b>NFPA® Ratings:</b>	<b>Health: 1</b>	<b>Flammability: 0</b>	<b>Reactivity: 0</b>	<b>Special Notice Key: None</b>
<b>HMIS® Ratings:</b>	<b>Health: 1</b>	<b>Flammability: 0</b>	<b>Reactivity: 0</b>	<b>Protective Equipment: B</b>
				<b>(Protective eyewear, gloves)</b>

Rev 1, 01-15-2003: added catalog number 35653-03.

Rev 2, 03-25-2003: Reviewed and approved.

Rev 3, 03-20-2006: Reviewed and approved.

When handled properly by qualified personnel, the product described herein does not present a significant health or safety hazard. Alteration of its characteristics by concentration, evaporation, addition of other substances, or other means may present hazards not specifically addressed herein and

