

MATERIAL SAFETY DATA SHEET

| Section I – Product Information | | | |
|------------------------------------|-----------------------------------|---------------------|--|
| Product Name or Identity: | SODIUM BICARBONATE INJECTION-8.4% | | |
| Manufacturer's Name: | Neogen Corporation | Emergency Phone No. | 859 254 1221 |
| | 944 Nandino Blvd. | Fax No.: | 859 255 5532 |
| | Lexington, KY 40511 | e-mail: | inform@neogen.com |
| Date Prepared or Revised: 11/15/05 | | | |

| Section II – Hazardous Ingredients / Identity Information | | | |
|--|--|---|-----------------------------------|
| Hazardous Components (Specific Chemical Identity: Common Names) | OSHA PEL (Permissible Exposure Limits) | ACGIH TLV (Threshold Limit Value) | Toxicity Data LD ₅₀ |
| None | | | |
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| Section III – Physical Characteristics | |
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| Boiling Point: NO DATA AVAILABLE | Specific Gravity (H ₂ O = 1): 1.06 |
| Vapor Pressure (mm Hg.): NO DATA AVAILABLE | Melting Point: N/A |
| Vapor Density (AIR = 1): NO DATA AVAILABLE | Evaporation Rate (Butyl Acetate = 1): N/A |
| Solubility in Water: SOLUBLE | |
| Appearance and Odor: COLORLESS LIQUID, ODORLESS | |

| Section IV – Fire and Explosion Hazard Data | |
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| Flash Point (<i>Method Used</i>): NO DATA AVAILABLE | Flammable Limits: LEL (Lower Explosive Limit) - N/A UEL (Upper Explosive Limit) - N/A |
| Extinguishing Media: WATER SPRAY, CO ₂ , DRY CHEMICAL POWDER, FOAM | |
| Special Fire Fighting Procedures: NONE | |
| Unusual Fire and Explosion Hazards: NONE | |

| Section V – Reactivity Data | | | |
|---|----------------|---|---------------------------------|
| Stability | Unstable | | Conditions to Avoid: N/A |
| | Stable | X | |
| Incompatibility (<i>Materials to Avoid</i>): ACIDS | | | |
| Hazardous Decomposition or Byproducts: CARBON DIOXIDE | | | |
| Hazardous Polymerization | May Occur | | Conditions to Avoid: NONE KNOWN |
| | Will Not Occur | X | |

| Section VI – Health Hazard Data | | | |
|--|--|--|--------------------|
| Route(s) of Entry: | Inhalation-Minor | Skin-Minor | Ingestion-Primary |
| Health Hazards (Acute and Chronic) | None known | | |
| Carcinogenicity: | NTP-Non-carcinogenic (National Toxicology Program) | IARC Monographs (International Agency for Research in Cancer) | OSHA Regulated-Yes |
| Signs and Symptoms of Exposure: WHEN OVER-EXPOSED MAY CAUSE SYSTEMIC ALKALOSIS | | | |
| Medical Conditions Generally Aggravated by Exposure: CIRCULATORY | | | |
| Emergency / First Aid Procedures | Ingestion: IF IRRITATION DEVELOPS GET PROMPT MEDICAL ATTENTION | | |
| | Inhalation: REMOVE TO FRESH AIR | | |
| | Eye Contact: FLUSH WITH COPIOUS AMOUNTS OF WATER, IF IRRITATION DEVELOPS, SEEK MEDICAL ATTENTION | | |
| | Skin Contact: WASH WITH SOAP AND COPIOUS AMOUNTS OF WATER, IF IRRITATION DEVELOPS SEEK MEDICAL ATTENTION | | |

| Section VII – Precautions for Safe Handling and Use |
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| Accidental Release Measures: SWEEP OR MOP UP SPILLED MATERIAL INTO SUITABLE CONTAINER |
| Waste Disposal Method: DRY LANDFILL DISPOSAL IS ACCCEPTABLE. ENSURE COMPLIANCE WITH LOCAL STATE AND FEDERAL REGULATIONS |
| Handling and Storing: READ AND FOLLOW ALL LABEL DIRECTIONS |
| Other Precautions: FOR VETERINARY USE ONLY |

| Section VIII – Control Measures | | |
|---|--------------------------------|---------------|
| Respiratory Protection (Specify Type): None | | |
| Ventilation | Local Exhaust: None | Special: None |
| | Mechanical (General): Adequate | Other: None |
| Protective Gloves: None | Eye Protection: None | |
| Other Protective Clothing or Equipment: None | | |
| Work / Hygienic Practices: Wash with soap and water | | |

This document is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. Neogen Corporation shall not be held liable for any damage resulting from handling or from contact with the above product. These suggestions should not be confused with state, municipal or insurance requirements, and constitute NO WARRANTY.