



Biochemical Diagnostics, Inc.

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MATERIAL SAFETY DATA SHEET

GENERAL INFORMATION

TRADE NAME: Sodium Bisulfite

Catalog Number: 1406005-2

Chemical Name: Sodium Bisulfite

CAS #: 7631-90-5

Formula: NaHSO₃

INGREDIENTS

Components: Sodium Bisulfite and Sodium Metabisulfite

Threshold Limit Values: N/A

PHYSICAL DATA

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Specific Gravity: 1.320

Percent Volatile: N/A

Evaporation Rate: N/A

Solubility H₂O: Freely Soluble

pH : N/A

Appearance: White Granular Powder

Odor: Pungent

FIRE AND EXPLOSION HAZARD DATA

Flammable Limits in air % by volume:

Lel: N/A

Uel: N/A

Flash Point: N/A

Auto Ignition Temp: N/A

Extinguishing Media: Dry Chemical Powder

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual Fire and Explosion Hazards: Emits toxic fumes under fire conditions.

REACTIVITY DATA

Stability: N/A

Conditions to Avoid: Moisture Sensitive

Incompatibility: Air Sensitive, Strong Acids, Strong Oxidizing agents

Materials to Avoid: N/A

Hazardous Polymerization: N/A

Hazardous Decomposition: Sulfur Oxides, Pungent Odor

ENVIRONMENTAL PROTECTION PROCEDURES

Spill Response: Evacuate area, wear self contained breathing apparatus, rubber boots and heavy gloves. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust.

Waste Disposal Method: For small quantities: Cautiously add to a large stirred excess of water. Adjust the pH to neutral, separate any insoluble solids or liquids and package them for hazardous-waste disposal. Flush aqueous solution down the drain with plenty of water. The hydrolysis and neutralization reactions may generate heat and fumes, which can be controlled by the rate of addition.

SPECIAL PROTECTION INFORMATION

Eye Protection: Goggles

Skin Protection: Lab Coat, chemical resistant gloves.

Respiratory Protection: Use in chemical fume hood. Do Not breathe dust.

Ventilation: Use adequate general or local exhaust to keep dust levels as low as possible

Emergency Response Telephone #:
1-800-255-3924

SPECIAL PRECAUTIONS

Insert Precautions: Store in cool dry place, Product is air and moisture sensitive.

Contaminated Equipment Precautions: Wash thoroughly with soap and water.

Hygienic Handling and Storage: Wash thoroughly with soap and water. Wash contaminated clothing before reuse.

EMERGENCY AND FIRST AID PROCEDURES:

Ingestion: Wash out mouth with water provided person is conscious. Call a physician.

Inhalation: Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen.

Skin Contact: Immediately wash with soap and copious amounts of water. Severe Irritant.

Eye Contact: Immediately wash eyes with copious amounts of water.

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