



# Biochemical Diagnostics, Inc.

180 Heartland Blvd., Edgewood, NY 11717 • Phone (631) 595-9200 Fax (631) 595-9204

## MATERIAL SAFETY DATA SHEET

### GENERAL INFORMATION

**TRADE NAME:** Sodium Bisulfite

**Catalog Number:** 1406005-2

**Chemical Name:** Sodium Bisulfite

**CAS #:** 7631-90-5

**Formula:** NaHSO<sub>3</sub>

---

### 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 H<sub>2</sub>O:** 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.

*The information contained herein is provided in good faith and is believed to be correct as of the date hereof. However, we make no representation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise their independent judgment in determining its appropriateness for a particular purpose. Accordingly, we will not be responsible for damages of any kind resulting from the use of or reliance upon such information. No representations, or warranties, either express or implied of merchantability fitness for a particular purpose or of any other nature made hereunder with respect to the information set forth herein or to the product which the information refers.*