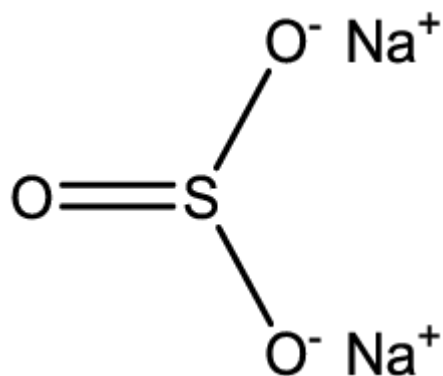




## **SPECIFICATION:**

### **SODIUM SULPHITE**



Parameters	Standard Specifications
Molecular weight	126.043 g/mol
Formula	Na <sub>2</sub> SO <sub>3</sub>
Purity	<u>94% - 96.50%</u>
20% aq. Solution	Clear
pH of 5% aq. Solution	9 to 11
20% aq. Solution	Clear
Imp. Iron	0.003% max.
Imp. Copper	0.001% max.
Imp. Zinc	0.001% max.
Imp. Lead	0.001% max



## MATERIAL SAFETY DATA SHEET

### 1) PRODUCT IDENTIFICATION:

**Chemical Name:** Sodium Meta Bi Sulphite

**Chemical Family:** Inorganic Salt

**Chemical Formula:** Na<sub>2</sub>SO<sub>3</sub>

**CAS No.:** 7757-83-7

**EC No.:** 231-821-4

**Manufacturer's Name and Address:**

Arihant Chemicals,  
Plot number C/412/1/1, Phase 2,  
GIDC Estate, Vatva, Ahmedabad.

### 2) HAZARDS IDENTIFICATION:

**Acute inhalation:** Non hazard for recommended handling.

**Eyes:** No specific hazard known. However, any material that contact the eye may be irritating. Flush your eyes with plenty of water.

**Skin:** Non hazard for recommended handling.

**Ingestion:** Expected to be a low ingestion hazard.

**Explanation of carcinogenicity:** None of the compound in this product is listed by iarc ntp, or osha as carcinogen.

**Sign and symptoms of overexposure:** Eye irritation.

### 3) FIRST AID MEASURES:

**Eye contact:** In case of contact, immediately flush with copious amounts of tepid water for a minimum of 20 minutes. Eyelids should be held apart and away from eyeball for through rinsing. Cold water may be used. Get medical attention immediately.

**Skin contact:** In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

**Serious skin contact:** Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If there is difficulty in breathing after giving oxygen, get medical attention.

**Ingestion:** Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person, if large quantities of this material are swallowed call a physician immediately. Loosen tight clothing such as collar, tie, belt or waistband.



### **3) FIRE AND EXPLOSION DATA:**

**Flammability of the Product:** NON-FLAMMABLE.

**Flash Points °C:** Above 75 °C.

**Various substances:** Not applicable

**Fire & explosive hazards:** When heated, Sulphur dioxide vapor will evolve. Further heating may cause rapid thermal decomposition resulting of heat, Sulphur dioxide and associated pressure. Keep container/storage vessels in fire area cooled with water spray.

**Firefighting equipment:** Wear self-contained breathing apparatus, pressure demand and full protective gear.

**Special remarks on Fire Hazards:** Not available.



### **4) ACCIDENTAL RELEASE DATA:**

**Small Spill:** Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.

**Large Spill:** Confine area to qualified personnel. Wear proper protective equipment. Stop leak if safe to do so. Absorb with dry earth, sand or other non-combustible material. Do not get water inside container. Do not touch spilled material. Use water spray curtain to divert vapor drift. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal.

### **5) HANDLING AND STORAGE:**

**Handling:** Keep container dry. Do not breathe gas/fumes/vapor/spray. Never add water to this product. In case of sufficient ventilation. Wear suitable respiratory equipment. If you feel unwell, seek medical attention and show the label when possible. Avoid contact with skin and eyes.

**Storage:** Store in well-ventilated or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.





## **6) EXPOSURE CONTROLS/ PERSONAL PROTECTION:**

**Engineering Control:** Provide exhaust ventilation or other engineering controls to keep the airborne concentration of vapors below their respective threshold limit value.

**Personal protection:** Face shield. Full suit. Vapor respirator. Be sure to use an approved/ certified respirator or equivalent. Gloves, boots.

**Personal protection in case of a large spill:** Splash goggles. Full suit. Vapor respirator. Boot. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist before handling this product.

**Exposure limits:** Not Available



## **7) PHYSICAL AND CHEMICAL PROPERTIES:**

**Physical state and appearance:** SOLID

**Color:** WHITE CRYSTALLINE POWDER

**Ph:** 9-10

**Boiling Point:** No data available

**Pour point:** No data available

**Decomposition temperature:** No data available

**Specific gravity:** No data available

**Vapor pressure:** No data available

**Vapor density:** No data available

**Dispersion properties:** See solubility in water

**Solubility:** Easily soluble in cold water

## **8) STABILITY AND REACTIVITY DATA:**

**Stability:** Stable

**Incompatibility with various substances:** Not available

**Corrosivity:** Non-corrosive in presence of glass

**Special remarks on reactivity polymerization:** Will not occur

## **9) TOXICOLOGICAL INFORMATION:**

**Oral:** Not available

**Dermal:** Not available

**Inhalation:** Not available

**Chronic/ Carcinogenicity:** Not available

**Teratology:** Not available

**Reproduction:** Not available

**Mutagenicity:** Not available



**Teratology:** Not available

**Reproduction:** Not available

**Mutagenicity:** Not available

**Prepared by:** Arihant Chemicals

Arihant Chemicals believes the information contained herein is reliable and accurate. Arihant Chemicals makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Such information is solely for your consideration, investigation, and verification.