

# MATERIAL SAFETY DATA SHEET

## Sodium Sulfite (Na<sub>2</sub>SO<sub>3</sub>), 100%

### FIRST AID (GET MEDICAL ATTENTION IF SYMPTOMS PERSIST)

**EYES:** FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES  
**SKIN:** WASH WITH SOAP AND WATER  
**INHALATION:** REMOVE FROM EXPOSURE  
**INGESTION:** DILUTE STOMACH CONTENTS WITH MILK OR WATER; INDUCE VOMITING

**HEALTH: 2**

**FLAMMABILITY: 0**

**REACTIVITY: 1**

**PRECAUTIONS: NONE**

### CHEMTREC 24-HOUR EMERGENCY HOTLINE: (800) 424-9300

To be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident.

### MANUFACTURER

General Chemical Corporation  
90 East Halsey Road  
Parsippany NJ 07054  
(973) 515-0900

### PHYSICAL DATA

odor: odorless  
appearance: white powder  
melting point: 900°C  
specific gravity: 2.63  
pH of 1% solution: 9.8

### REACTIVITY

stability: stable  
conditions to avoid: extremely high temperatures  
materials to avoid: acids, strong oxidizers  
Strong oxidizers cause vigorous exothermic reactions.  
Acids release sulfur dioxide gas.  
Hazardous polymerization will not occur.

### FIRE FIGHTING

flash point: non-combustible  
special procedures: wear NIOSH-approved self-contained breathing apparatus and full protective clothing  
combustion products: high temperatures (before melting) yield sulfur dioxide gas and hazardous residue  
Local exhaust if dusty or misty condition prevails, or if there is release of sulfur dioxide gas.  
Use water-spray to keep containers cool and to knock down fumes.  
Keep incompatible materials out of hoods, ducts, etc.

### PERSONAL PROTECTION

handling / storing: follow good hygiene practices / general storage  
eyes: safety goggles, no contact lenses  
skin: full work-clothing, impervious gloves  
respiratory: if dusty, NIOSH-approved respiratory protection  
ventilation: none specified by manufacturer

### HEALTH HAZARD DATA - NOT HAZARDOUS

route of entry: eyes, skin, ingestion, inhalation  
eye contact: may cause irritation  
skin absorption: may cause irritation  
ingestion: may cause irritation  
inhalation: may cause irritation  
toxicology: LD50 (oral, rat): >5000 mg/kg  
No significant eye, skin, ingestion or inhalation hazard when good personal hygiene practices are followed.

### STORAGE & HANDLING

Keep container closed.  
Protect from physical damage.  
Store in a cool, dry area, away from acids or oxidizers; contact with acids releases potentially fatal sulfur dioxide gas.

### SPILLS & DISPOSAL

Sweep up and cover for salvage.  
Cautiously spray residue with plenty of water.  
This product is not a federal hazardous waste according to U.S. EPA regulation 40 CFR 261.  
If material cannot be salvaged, dispose of in accordance with all local, state and federal regulations.