

**GFS CHEMICALS, INC.**  
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**MATERIAL SAFETY DATA SHEET**

802

**SODIUM META BISULFITE**

**CHEMICAL NAME & SYNONYMS**

Sodium Meta Bisulfite  
Sodium Pyrosulfite

**DOT CLASS**

NR

**SARA TITLE 313**

No

**TSCA listed** - Yes

**FORMULA**

Na<sub>2</sub>S<sub>2</sub>O<sub>5</sub>

**REPORTABLE QUANTITY**

N/A

**F.W.**

190.10

**CAS#**

7681-57-4

**PHYSICAL DATA**

Density 1.48; Melting point 150°C (with decomposition); Water solubility 54 g/100 ml at 20°C.

**APPEARANCE & ODOR**

White crystalline powder. Odor of sulfur dioxide.

**REACTIVITY & CONDITIONS TO AVOID**

Stable. Slowly loses strength on storage. Solutions release sulfur dioxide particularly when acidic and/or heated.

**FIRE HAZARDS**

Will release sulfur dioxide under general fire conditions. Firefighters wear SCBA. NFPA # 2-0-1.

**EXTINGUISHER**

Fight surrounding fire.

**FLASHPOINT**

N/A

**LEL**

N/A

**UEL**

N/A

**HEALTH HAZARDS**

Sulfur dioxide release may be choking. May cause allergic reactions. Harmful if swallowed or inhaled. Solid material is irritating to skin, eyes and mucous membranes. Large quantity ingestion may be fatal (>5 g). Experimental reproductive effects. TD<sub>Lo</sub> (oral-rat) 20 g/kg. OSHA PEL/ACGIH TLV 5 mg/m<sup>3</sup>. No evidence of carcinogenicity.

**SPECIAL PRECAUTIONS**

Use with good ventilation. Use eye protection. Store in well sealed containers protected from moisture.

**FIRST AID**

Wash contact area with water. If eye irritation persists, get medical attention. If swallowed, give water with milk of magnesia and/or milk to drink and get medical attention. Do NOT induce vomiting unless directed by a physician.

**SPILLS & LEAKS**

Wash up with water. Discard to sanitary sewer. Larger spills to landfill.

**CATALOG #**

802

**PREPARED BY**

MDM

**DATE**

June 7, 2004