"SULFITE" oxygen scavenger MSDS

GENERAL CHEMICAL CORPORATION
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100% sodium sulfite, Na_2SO_3

EYES: Immediately flush with plenty of water, for at least 15 minutes. Get medical attention.
SKIN: Promptly wash with plenty of soap and water.
INHALATION: Remove to fresh air. If symptoms persist, get medical attention.
INGESTION: If conscious, immediately give 2 to 4 glasses of water or milk, and induce vomiting by touching finger to back of throat. Get immediate medical attention.

Fire and Explosion
Not flammable. Wear NIOSH-approved self-contained breathing apparatus. Use water-spray to keep containers cool, and to knock down fumes. Local exhaust if dusty or misty condition prevails. Local exhaust if there is release of sulfur dioxide gas, see Section G. Keep incompatible materials out of hoods, ducts, etc. Avoid contact with eyes, skin, clothing. Avoid breathing dust or mist. Use with adequate ventilation. Store in a cool, dry area, away from acids or oxidizers. Keep container closed. Protect from physical damage. Promptly shovel up dry chemical into an empty container, and cover. Store as above. Cautiously spray residue with plenty of water.

Special Label Instructions
SIGNAL WORD - WARNING!
Contact with acids releases irritating and potentially fatal sulfur dioxide gas. See drum-handling instructions on label. When dissolving, add water cautiously and with stirring.

Respiratory Protection
If dusty or misty conditions prevail, use dust or mist respirator approved by NIOSH. If sulfur dioxide should be released, use respiratory protection approved by NIOSH for this gas. If exposed to dust or mist or solution, wear hard hat and goggles. Do not wear contact lenses. Wear full work-clothing, including long-sleeved shin and trousers for routine product-handling use. cotton gloves are usually adequate for dry product. For solutions, wear impervious gloves and apron.

Physical Data
White granular crystals or powder.
Odorless.

SPECIFIC GRAVITY	2.63
BOILING POINT	Decomposes at 900 °C
pH of 1%solution	9.8

Conditions To Avoid
High temperatures (before melting): yield sulfur dioxide gas and hazardous residue,
Strong Oxidizers cause vigorous exothermic reactions. Acids release sulfur dioxide gas.
No polymerization occurs.