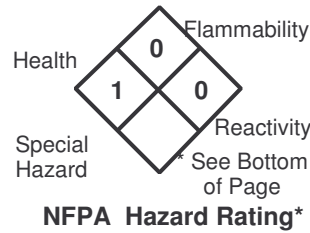


MATERIAL SAFETY DATA SHEET



Manufactured by:

ANDERSON
CHEMICAL COMPANY
325 SOUTH DAVIS AVENUE
LITCHFIELD, MINNESOTA 55355
(320) 693-2477



Health	1
Flammability	0
Reactivity	1
Personal Protection	X

HMIS Hazard Rating*

Product Name: **SO-2230**

24-HOUR EMERGENCY PHONE #: 1-800-424-9300 (CHEMTREC) Revised: 12/3/2004 Imt
Supersedes: 3/6/2002

I. IDENTIFICATION

Chemical Name And Synonyms:

Not applicable

DOT Shipping Name

Not applicable

Chemical Family:

Oxygen Scavenger; Sulfite

DOT Hazard Class & I.D. Number

Not applicable

PG

II. HAZARDOUS INGREDIENTS

Component	CASNO.	%	TLV	PEL	Toxic	Hazard
Sodium Metabisulfite	7681-57-4	23	5 mg/m3	Not Est.	NA	Irritant to eyes, skin, and mucous membranes.

**Toxic chemical subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR §372).

NA: Not applicable
NE: Not established

III. PHYSICAL DATA

Boiling Point: 212 °F

Specific Gravity: 1.276

Appearance: Clear, peach colored liquid

Form: Liquid

Solubility in Water: Complete

Odor: None

pH, Neat: 6.6

IV. FIRE AND EXPLOSION HAZARD DATA

Flashpoint: Not applicable

Extinguishing Media: Dry chemical, foam, carbon dioxide

Special Fire

Fighting Procedures: Although this product is not combustible, if a fire occurs in the near vicinity, good fire-fighting practice dictates the use of self-contained breathing apparatus and other protective gear.

Unusual Fire And

Explosion Hazards: Thermal decomposition products may be hazardous. These include toxic and corrosive fumes of sulfur dioxide and sodium oxide.

V. HEALTH HAZARD DATA

Carcinogenic: The raw materials used in this product are not considered to be a carcinogen by ACGIH and OSHA.

Effects Of Over-exposure: May cause skin, eye, and respiratory tract irritation. May cause allergic respiratory reaction.

Emergency And First

Aid Procedures: **EYES:** Immediately flush with plenty of water for at least 15 minutes, lifting upper and lower eyelids for complete rinsing. GET MEDICAL ATTENTION.

SKIN: Wash all affected areas with plenty of soap and water for several minutes, while removing contaminated clothing. If irritation persists, GET MEDICAL ATTENTION.

INHALATION: Remove victim to fresh air. If breathing difficulty occurs or persists, get medical attention.

INGESTION: If victim is conscious and alert, give two glasses or more of water. Induce vomiting by sticking finger down throat. GET MEDICAL ATTENTION. Never give liquids to an unconscious person.

* NFPA/HMIS Degree or Hazard: 4 = Extreme; 3 = High; 2 = Moderate; 1 = Slight; 0 = Insignificant. *Continued On Back*

HMIS A. Safety Glasses B. Safety Glasses, Gloves C. Safety Glasses, Gloves, Apron D. Face Shield, Gloves, Apron E. Safety Glasses, Gloves, Dust Respirator F. Safety Glasses, Gloves, Apron, Dust Respirator G. Safety Glasses, Gloves, Vapor Respirator H. Splash Goggles, Gloves, Apron, Vapor Respirator I. Safety Glasses, Gloves, Vapor and Dust Respirator J. Splash Goggles, Gloves, Apron, Vapor and Dust Respirator K. Air Line, Hood or Mask, Gloves, Full Suit, Boots X. Ask your supervisor for guidance.

VI. REACTIVITY DATA

Stability - Unstable:

Stable:

Conditions To Avoid: None

Incompatibility: Mineral acids, oxidizing agents
(Materials To Avoid)

Hazardous

Decomposition Products: Thermal decomposition products may be hazardous. These include toxic and corrosive fumes of sulfur dioxide and sodium oxide.

VII. SPILL OR LEAK PROCEDURES

Steps To Be Taken In Case Material Is Released Or Spilled:

For large spills: Dike area, absorb with an inert ingredient such as sand, earth, vermiculite and dispose of properly. Do not flush material to public sewer systems or waterways. For small spills: Flush with large amounts of water.

Waste Disposal Method: Dispose of in accordance with local, state, and federal regulations.

VIII. SPECIAL PROTECTION INFORMATION

Respiratory Protection: Respiratory protection is not required for normal use. If mist level is high, wear NIOSH approved respirator.

Ventilation: Adequate mechanical to keep airborne concentrations of sodium metabisulfite below TLV.

Protective Gloves: Chemical resistant gloves

Eye Protection: Chemical goggles

Protective Clothing: For prolonged or repeated exposures, use impervious clothing (boots, gloves, aprons, etc.) over parts of the body subject to exposure.

IX. SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling And Storing:

Avoid contact with eyes, skin, and clothing. Do not take internally. Use with adequate ventilation. Wash thoroughly after handling. Store in a cool, dry place away from acids. Keep container closed and sealed. Avoid exposure to direct sunlight and high temperatures.

Other Precautions: Maintain a sink, safety shower and eyewash fountain in the work area.

X. REVISED INFORMATION

MSDS Status: pH change