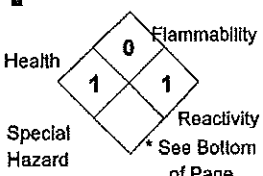
ANDABC 0814

MATERIAL SAFETY DATA SHEET

Manufactured by:

Anderson Chemical Company
325 SOUTH DAVIS AVENUE
LITCHFIELD, MINNESOTA 55355
(320) 693-2477

HMIS Rating System*	
Health	1
Flammability	0
Reactivity	1
Personal Protection	X



NFPA Hazard Rating*

Product Name: SO-2230

24-HOUR EMERGENCY PHONE #: 1-800-424-9300 (CHEMTREC)

Revised: 7/17/2009 tmt
Supersedes: 9/18/2007

I. IDENTIFICATION

Chemical Name And Synonyms:
Not applicable

DOT Shipping Name
Not applicable

Chemical Family:
Oxygen Scavenger; Sulfite

DOT Hazard Class & I.D. Number **#** **PG**
Not applicable

II. HAZARDOUS INGREDIENTS

Component	CAS NO.	%	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: 1.270
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: Use media appropriate for surrounding fire.

Special Fire Fighting Procedures: Although this product is not combustible, if a fire occurs in the near vicinity, good firefighting 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: Inhalation: May cause irritation. If product is improperly used, under acidic conditions, can release sulfur dioxide gas, which is toxic and in extreme cases, can cause death. Eye: May irritation/burns. Skin: May cause irritation. Ingestion: Oral exposure or swallowing may produce gastrointestinal upset, CNS depression, nausea or vomiting. Ingestion may be fatal. Sulfite sensitive individuals may experience a severe allergic reaction.

Emergency And First Aid Procedures: Eyes: Flush immediately with water for 15 minutes. Lift upper and lower eyelids for complete rinsing. Get immediate medical attention.

Skin: Flush with water for 15 minutes. If irritation persists after rinsing, get medical attention. Remove contaminated clothing and wash before reuse.

Ingestion: Rinse mouth with water. Give water to dilute. Induce vomiting. Get immediate medical attention. Never give anything by mouth to a semi-comatose, comatose, convulsing or unconscious person.

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

* 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:** X
Conditions To Avoid: None

Incompatibility: (Materials to Avoid) Oxidizing agents (bleaching agents ie chlorine, oxygen, permanganates, perchlorates, percarbonates, peroxides, chromates, hypochlorites, nitric acid and sulfuric acid), inorganic acids.

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

VII. SPILL OR LEAK PROCEDURES

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

For small spills, take up material with an absorbent such as clay or sand and dispose of properly. Flush area with water to remove trace residue.
For large spills, evacuate non essential personnel, eliminate ignition sources, and wear protective equipment. Shut off source of leak only if safe to do so. Completely contain spilled material with dikes or sandbags, etc., and prevent run-off into ground or surface waters or sewers. Recover as much material as possible into containers for disposal or reuse. Flush sparingly with water or use an absorbent.

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:

Wear protective equipment when handling. Avoid contact with eyes, skin, and clothing. Do not swallow. Do not breathe vapor, mist. Use with adequate ventilation. Wash thoroughly after handling. Store in a cool, dry place away from acids and oxidizers. Keep container closed and sealed. Avoid exposure to direct sunlight and high temperatures.

Other Precautions Safety showers and eye and stations should be located in area where the liquid is handled.

X. REVISED INFORMATION

MSDS Status: Review and update.