

Hydro-Zone, Inc.
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Emergency Telephone No.: 800-535-5053

MATERIAL SAFETY DATA SHEET

NFPA Hazard Rating:
Health – 3, Flammability – 1, Reactivity - 0

I. GENERAL INFORMATION -----

Code, Trade Name: ST5205, Starch Acid/Sulfite Indicator
Chemical Name: Sulfamic Acid and Starch Mixture
Chemical Family: Organic Acid and Carbohydrate

IX. ENVIRONMENTAL PROTECTION -----

Spill Response: Absorb with sand or vermiculite and scoop up and containerize for proper disposal.
Waste Disposal: Comply with all local, state and federal regulations.

II. HAZARDOUS INGREDIENTS -----

Sulfamic Acid, CAS #5329-14-6 80% W/W
TLV/PEL: Not Established TXDS: ori-rat LD50: 3.1 g/kg
Starch, CAS #9005-25-8 20% W/W
TLV/PEL: 10 mg/cu.m. TXDS: ipr-mus LD50: 6.6 g/kg

The above information is to be used only as a guide, and does not profess to be all inclusive. Hydro-Zone, Inc. shall not be held liable for any damage resulting from the handling or contact with the above product.

Carcinogenicity: None of the above listed (IARC).

III. HEALTH HAZARD DATA -----

Contact can burn eyes. Contact irritating to skin and mucous membranes. Prolonged contact may burn skin.
Ingestion may burn GI tract.
Routes of Entry: Inhalation, ingestion.

N/A = Not Available
Issue Date: 12/03
Revised:

First Aid:

Eyes: Flush with water for at least 15 min; get immediate medical assistance.
Skin: Remove contaminated clothing and wash with soap and water.

Inhalation: Remove to fresh air & give artificial respiration if breathing has stopped.

Ingestion: Get medical attention.

GET MEDICAL ASSISTANCE FOR ALL CASES OF OVER EXPOSURE!

IV. PHYSICAL DATA -----

Boiling Point: N/A Specific Gravity: N/A
Vapor Density: N/A
Water Solubility: Soluble
Appearance & Odor: Off white powder.

V. FIRE & EXPLOSION HAZARD DATA -----

Flash Point: N/A
Extinguishing Media: Use media compatible with surrounding material.
Special Procedures: Wear self contained breathing apparatus and protective clothing if necessary.
Unusual Fire & Explosion Hazards: Toxic fumes on thermal decomposition.

VI. REACTIVITY DATA -----

Conditions To Avoid: Extreme heat & oxidizers.
Hazardous Combustion & Decomposition Products:
COx, SOx, NOx, NH3

VII. SPECIAL PROTECTION -----

Provide adequate general and local exhaust ventilation.
Protect eyes and skin with safety goggles and gloves.
Do not get in eyes, on skin or clothing.
Wear self contained breathing apparatus in high vapor areas.
Do not breathe vapors or dust.

VIII. HANDLING AND STORAGE PRECAUTIONS -----

Keep container tightly closed.
Store in cool, dry, well ventilated area.
Keep away from ignition source, acids, oxidizers.
Wash thoroughly after handling.
Empty containers may be hazardous due to retained residue.

DOT - Corrosive Solid, Acidic, Organic, N.O.S., UN3261 (PGIII)
(contains Sulfamic Acid)