



SULFAMIC ACID CRYSTALS

MANUFACTURER

Western States Wholesale
1420 S. Bon View, Ontario, CA 91761
Emergency Phone: (800) 325-6851

SECTION I – Identity

ProClean

SECTION II – Hazardous Ingredients/ Identity Information

Component: : Sulfamic Acid (CAS-5329-14-6) 92.2
OSHA PEL: NONE
OSHA TLV: NONE

SECTION III

Physical/Chemical Characteristics

Boiling Point: Decomposes at 480° F
Specific Gravity: 2.2
Vapor Pressure: NA
Melting Point: 4801° F (205° C)
Solubility in water: 19%
Vapor Density: NA
Evaporation Rate: NA
Appearance and Odor: White crystals, No odor.

SECTION IV

Fire and Explosion Hazard Data

Flash Point: NA
Flammable Limits: NA
Extinguishing Media: Water, chemical foam or carbon dioxide may be used to fight fires in area.
Special Fire Fighting Procedures: NA
Unusual Fire and explosion Hazards: Water solutions of ProClean are acidic with PH of 1.18 in a 1% solution.

SECTION V - Reactivity Data

Stability: Stable
Incompatibility: Hazardous reaction may occur with chlorine, hypochlorous acid, hypochlorites, cyaniden, or sulfides.
Hazardous Decomposition or by-products: May release sulfur dioxide, sulfur trioxide, or ammonia gases.
Hazardous Polymerization: Will Not Occur.

SECTION VI - Health Hazard Data

Primary Routes of Entry:

Inhalation-YES
Skin-YES
Ingestion-NO

Health Hazards:

Acute: Breathing dust may irritate the nose and throat and cause coughing and chest discomfort. Can cause irritation to the skin upon repeated contact. Severe irritant to the eyes upon contact.
Chronic: Ingestion-LD50=770mg/kg (rat) none other none.

Carcinogenicity:

NTP-No
IARC Monographs-No
OSHA Regulated-No

Signs and symptoms of exposure: redness of skin and eyes. Coughing upon inhalation.

Medical Conditions Aggravated by Exposure: Severe irritant to abraded skin.

Emergency and First Aid procedures: This product is highly Acidic PH=1.18. If taken internally consult physician immediately. Wash skin thoroughly with soap and water. Flush eyes thoroughly with water. Remove to fresh air if inhaled. for at least 15 min. see physician if irritation persists, wash affected skin areas with soap and water. If accidentally ingested-contact physician.

SECTION VII

Precautions for Safe Handling and Use

Released or Spilled: Avoid contamination of streams or sewers. Absorb material into clay, sand or other absorbed material.

Waste Disposal Method: Incinerate at authorized facilities.

Precautions to be taken in handling and storing:

Avoid storage at above 120° F; store containers in upright position and lids tightly closed. Avoid contact with skin and eyes. Avoid breathing vapors.

SECTION VIII - Control Measures

Respiratory Protection: OSHA approved respirator for vapor.

Ventilation: Local exhaust - YES

Mechanical - N/A

Special - N/A

Other - N/A

Protective Gloves: Rubber recommended.

Eye Protection: Tight fitting goggles in busy area.

Other Protective Clothing: Barrier cream, boots and clothing should protect skin from material.

Work/Hygienic Practices: Workers should shower with soap and water after working with mortar.

NA= NOT APPLICABLE

C= CENTIGRADE

F= FAHRENHEIT

DATE REVISED: 3/02/05

Disclaimer

The information presented is believed to be accurate but is not warranted to be. Whether originating with the company or not. Recipients are advised to confirm in advance of need, that the information is current, applicable and suitable to their circumstance.