



Safety Data Sheet

Better Chemistry. **Better Business**

DESCALER SA

Revised: 3/20/15

1 IDENTIFICATION

Product Code :2541002

Recommended use of the chemical and restrictions on use:

**Personal Precautions,
Protective Equipment, &
Emergency Proc**

Wear chemical goggle, gloves and face shield and protective clothing.

**Methods and Materials for
containment & cleaning up:**

Provide sufficient ventilation.

If trained in accordance 29 CFR 1910.120, leaks should be stopped. Spills should be contained and cleaned immediately. Persons performing clean up work should wear adequate personal protective equipment and clothing. Spills and releases should be reported, if required, to the appropriate local, state and federal regulatory agencies.

7 HANDLING AND STORAGE

Precautions for safe handling:

Wear rubber gloves, goggles and chemical protective clothing.

Do not get in eyes, or on skin, or on clothing.

Avoid breathing dust, fumes, gas, mist, vapors and sprays.

Wash hands thoroughly after handling.

**Conditions for safe storage,
inc any incompatibilities:**

Store in cool dry place.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Name	Std.	TWA-8hrs	STEL - 15 min.
Sulfamic Acid	Not established		

ACGIH - American Control of Governmental Hygenists
OSHA - Occupational Safety and Health Administration

Ventilation:

Use local exhaust to keep personal exposures below the OSHA Permissible Exposure Limit (s) (PEL) or the ACGIH threshold Limit Values (TLV)Time Weight Average (TWA).

Other:

Safety shower in work area.

Protective Gloves:

Butyl or neoprene gloves

Eye Protection:

Wear chemical safety goggles.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White to off-white granular mixture

Odor: acidic odor

Odor Threshold: N/A

PH: 5% solution-<2.0

Melting Point/Freezing Point: N/A

Initial Boiling Point and Boiling Range: N/A

Flash Point: N/A

Evaporation Rate: N/A

Flammability (solid, gas): N/A

Upper/Lower flammability or explosive limits: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Relative Density: N/A

Solubility (ies):	Dispersible
Partition Coefficient; n-octanol/water:	N/A
Auto-ignition Temperature:	N/A
Decomposition Temperature:	N/A
Viscosity:	N/A

10 STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal conditions
Possibility of Hazardous Reactions:	Hazardous polymerization does not occur.
Conditions to Avoid:	DO NOT store dry product where exposed to moist conditions.
Incompatible Materials:	Reactive or incompatible with the following materials: oxidizing materials, acids and alkalis. DO NOT MIX with dry or concentrated solutions of this product with concentrated solutions of bleach, ammonia cleaners or similar products.
Hazardous Decomposition Products:	Possibility of decomposition if heated and in contact with sources of ignition. Releases of toxic gases and vapors (Sulfur oxides (SO ₂ ,SO ₃)).

11 TOXICOLOGICAL INFORMATION

Oral Administration:	Sulfamic Acid,LD50(rat)-3160 mg/kg
Cancer Hazard:	Not listed by IARC, NTP, OSHA, ACGIH
Routes of Exposure	Eyes, Skin, Inhalation, Ingestion

12 ECOLOGICAL INFORMATION

Fish, <i>Oncorhynchus mykiss</i>	no data available
Daphnia Magna,	no data available
Abiotic degradability:	No data available
Bioaccumulation potential:	No data available
Water result:	Disperses in water.
Soil/Sediment Result:	No data available

13 DISPOSAL CONSIDERATION

Dispose of in accordance with local, state and federal regulations.

14 TRANSPORT INFORMATION

UN Number:	1759
UN Proper Shipping Name:	CORROSIVE SOLIDS N.O.S.(SULPHAMIC ACID),
Transport Hazard Class (es):	8
Packing Group:	II
ERG:	154

15 REGULATORY INFORMATION

HMIS: Health: 1 Flammability: 0 Reactivity: 0

16 OTHER INFORMATION

Disclaimer: The information is based on our knowledge to date but does not constitute an assurance of product properties and does not imply a legal contractual relationship.