



10743 Edison Court • Rancho Cucamonga, CA 91730

MATERIAL SAFETY DATA SHEET  
**ALL-MET DESCALER**

IN CASE OF EMERGENCY  
DAYTIME: 800-421-4822  
24 HOURS: 800-255-3924

SECTION 1-PRODUCT IDENTIFICATION 7/03  
Trade name: ALL-MET DESCALER  
Description: Powder Descaler, Inhibited  
DOT Information: CORROSIVE, CLASS 8

HEALTH 2 HAZARDOUS  
FIRE 0 WILL NOT BURN  
REACTIVITY 0 STABLE  
SPECIFIC

SECTION 2-HAZARDOUS INGREDIENTS

Components	CAS Number	OSHA PEL	ACGIH TLV	Approx. %
Sulfamic Acid	5329-14-6	NE	(LD50) 3160 mg/kg (Rat)	97%

SECTION 3-PHYSICAL DATA

BOILING POINT	Not applicable	SPECIFIC GRAVITY (H2O=1)	2.125
VAPOR PRESSURE	NA	VAPOR DENSITY (AIR=1)	NA
EVAP RATE (WATER=1)	NA	pH (1% solution)	1.25
APPEARANCE	Speckled Orange granules or crystals		
ODOR	Pugnent		
SOLUBILITY IN WATER	Very Soluble		

SECTION 4-FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: NA FLAMMABILITY LIMITS: LOWER: NA UPPER: NA  
 EXTINGUISHING MEDIA  
 Water, foam, dry chemical or carbon dioxide for fires in storage areas.  
 SPECIAL FIREFIGHTING PROCEDURES  
 Use self-contained breathing apparatus and full protective clothing. Water solutions of sulfamic acid are strongly acidic.  
 UNUSUAL FIRE & EXPLOSION HAZARDS  
 May release sulfur dioxide, sulfur trioxide, and ammonia during a fire.

SECTION 5-HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE  
 Inhalation: This material is an irritant to mucous membranes and respiratory system.  
 Skin Contact: May cause corrosive action on contact with skin. May cause a more serious response if confined to the skin or if the skin is abraded. A single prolonged exposure is not likely to result in harmful quantities being absorbed.  
 Eye Contact: Severe irritation to eyes, may cause burns.  
 Ingestion: Irritant to mucous membranes and digestive tract.

SECTION 6- FIRST AID MEASURES

Inhalation: If breathing stops, give artificial respiration. Call a Physician immediately.  
 Skin Contact: Wash skin thoroughly with soap and water. Remove contaminated clothing and shoes, wash before reuse.  
 Eye Contact: Flush eyes with large quantities of running water for a minimum of 15 minutes. Seek medical attention should irritation persist.  
 Ingestion: Do not induce vomiting. If conscious, give large quantities of water. Call a physician or the nearest Poison Control Center.

SECTION 7-REACTIVITY DATA

STABILITY: Stable, decomposes with heat at 209C/480F HAZARDOUS POLYMERIZATION: Will not occur  
 INCOMPATIBILITY: Nitrite, Nitrates, Chlorites, Oxidizing materials, strong reducing agents, powdered metals, cyanides, carbides, and Sulfides.  
 HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS: Decomposes with heat at 480F to release sulfur dioxide, sulfur trioxide, nitrogen, and ammonia gases.  
 CONDITIONS TO AVOID: Do not mix with other industrial chemicals. Do not store in warm, moist environments.

CHEMICATOR PRODUCTS 10743 Edison Ct. Rancho Cucamonga, CA 91730	MATERIAL SAFETY DATA SHEET <b>ALL-MET DESCALER</b>	IN CASE OF EMERGENCY DAYTIME: 800-421-4822 24 HOURS: 800-255-3924
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**SECTION 8-SPILL OR LEAK PROCEDURES**

**SPILL PROCEDURE:** Promptly shovel up dry chemical into an empty container and cover. Flush spill area with water. Dissolve and neutralize with sodium carbonate if necessary.  
**WASTE DISPOSAL METHOD:** Use DOT approved containers for waste disposal. Dispose of all waste according to Federal, State, and Local regulations.

**SECTION 9-SPECIAL PROTECTION INFORMATION**

**RESPIRATORY PROTECTION:** If dust is excessive, a dust mask is recommended. NIOSH approved respirator in the absence of adequate environmental controls at the point of use.  
**EYE PROTECTION:** Chemical goggles and face shield.  
**SKIN PROTECTION:** Rubber gloves.  
**OTHER CLOTHING:** Standard industrial clothing.  
**ENGINEERING CONTROLS:** Normal.

**SECTION 10-HANDLING AND STORAGE**

**SPECIAL PRECAUTIONS:** Store at room temperature in a dry, moist free environment.  
**OTHER PRECAUTIONS:** An eyewash and safety shower should be nearby and ready for use.

**SECTION 11-TRANSPORTATION INFORMATION**

**DOT CLASSIFICATION:** Corrosive, Solid Acidic, Inorganic, Class 8, UN 3260, PG III (Contains Sulfamic Acid)  
**WARNING LABEL:** CORROSIVE

**REGULATORY INFORMATION**

No RCRA listed Hazardous Constituents.  
CERCLA Status: Not regulated.  
SARA/Title III-Section 304 Emergency notification reporting. This product does not contain a Section 304 listed hazardous substance for emergency release notification.  
SARA/Title III- Section 313 Toxic chemical release reporting. This product does not contain a Section 313 listed chemical subject to release reporting requirements.  
TSCA Inventory Status- All chemical components are listed on TSCA Inventory.

**OTHER INFORMATION**

NA= Not Applicable  
ND= Not Determined  
NE= Not Established

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