

Material Safety Data Sheet (United States)

Section 1 - Product Identification and Company Information

Product Identifier: Truck Mount Descaler

Product Number: E 551

Product Use: Acid based powder for de-scaling of lime deposits

Manufacturer's Name: Professional Chemicals Corp.

Street Address: 325 S. Price Road

City, State, Zip Code: Chandler, Arizona USA, 85224

Emergency Telephone No.: 800/535-5053 (Info-trak)

Section 2 - Hazardous Ingredients

<u>Hazardous Ingredients</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>ACGIH TLV-TWA</u>
Sulfamic acid	5329-14-6	N/E	N/E

Ingredients listed in this section are defined as hazardous by the OSHA Hazardous Communication Standard and the above listed are in quantities greater than the threshold level as defined under the Hazardous Communication Standard.

Section 3 - Physical Data

Physical State:	Solid	Vapor Density (Air = 1):	N/A	Boiling point (°C):	N/A
Vapor Pressure (mm Hg):	N/A	Specific Gravity: Bulk Density = 70 #/cu ft		Freezing point (°C):	N/A
pH: (1% solution)	5.1	Evaporation rate:	N/A	Coeff. Water/Oil Dist.:	N/A
Odor & appearance:	White, odorless, small crystals			Odor Threshold:	N/D

Section 4 - Fire and Explosion Data

Flammability: ___ Yes X No **If so, under what conditions:**

Means of extinction: Product is not flammable. Use water, carbon dioxide, dry powder extinguisher, or other media appropriate for materials actually involved in fire.

Flash Point & method: None up to 100°C **Upper Flammable Limit (% by volume):** None
Autoignition Temp. (°C): None up to 100°C **Lower Flammable Limit (% by volume):** None

Hazardous Decomposition Products: Exposure to fire may liberate ammonia, sulfur oxide gases.

Explosion Data: Sensitivity to Impact: None **Sensitivity to static discharge:** None

Section 5 - Reactivity Data

Chemical Stability: X Yes ___ No **If no, under which conditions:**

Incompatibility with other substances: ___ Yes X No **If yes, which ones:**

Other Precautions: Avoid heating solid to decomposition temperature. Avoid excessive heating of concentrated acidic solutions.

Reactivity, and under what conditions: Self-accelerating exothermic decomposition of low pH aqueous solution may occur at 100 C with sufficient pressure to rupture a closed container.

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Section 6 - Toxicological Properties

Route of Entry: Skin contact X Skin Absorption Eye contact X Inhalation X Ingestion X

Effects of Acute Overexposure to Product:

Inhalation: Inhalation of dust may cause respiratory irritation.
Eye Contact: May cause eye irritation
Skin Contact: May cause skin irritation
Ingestion: May cause gastrointestinal irritation with nausea, vomiting and diarrhea

Effects of Chronic Overexposure to Product:

Inhalation: N/D
Eye Contact: N/D
Skin Contact: N/D
Ingestion: N/D

Exposure limits: Not determined for mixture.
Teratogenicity: None
Irritancy of Product: May cause skin and eye irritation.
Reproductive toxicity: None
Sensitization to Product: None known.
Mutagenicity: None
Carcinogenicity: None
Synergistic products: None known

Section 7 - Preventive Measures

Personal Protective Equipment:

Gloves: Avoid skin contact with concentrate. Use Nitrile gloves.
Respirator: Use with good ventilation. Respirator required.
Eye: Avoid eye contact. Wear chemical goggles while handling concentrate.
Footwear: Standard work shoes.
Clothing: Standard work clothing.
Other: Do not ingest product.

Engineering Controls: Normal room ventilation satisfactory.

Leak and spill procedures: Prevent further spill of material, contain material already spilled.

Waste disposal: Small quantities of this dissolved product may be disposed of in a sanitary sewer in accordance with regulations. Larger quantities should be collected and consigned to a licensed hazardous waste hauler for disposal in accordance with regulations.

Handling procedures/equipment: None

Storage: Store out of reach of children. Keep container closed. Store in a cool dry location. Avoid freezing or extended storage in high temperatures.

Special shipping information: Non-hazardous.

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Section 8 - First Aid Measures

Specific Measures:

Inhalation: Move to fresh air, get medical attention if irritation persists.

Eye Contact: Flush thoroughly with water for 15 minutes. If irritation persists, get medical attention.

Skin Contact: Flush thoroughly with water for 15 minutes. If irritation persists, get medical attention. Launder affected clothing before wearing again.

Ingestion: If patient is fully conscious, give 2 glasses of lukewarm water. Do not give anything by mouth to an unconscious person. If symptoms persist, get medical attention.

Section 9 - Preparation Date of MSDS

Prepared by: Manager, EH&S

Phone Number: 480/899-7000

Date: May 12, 1999

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