

Material Safety DATA SHEET

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For chemical emergency spill, leak, fire, exposure or accident call (CHEMTREC) 800-424-9300. This MSDS complies with 29 CFR 1919.1200 (The Osha Hazard Communication Standard).

Section 1: Identification

Product / Chemical Name:
Rust Remover

Product Identification No: Rust Remover

Chemical Family: Mixture

Trade Name and Synonyms: N/A

Molecular Formula: C₂H₄O₂S.H₃N

Chemical Name: N/A

Chemical Formula: N/A

Rational Formula: HS-CH₂COONH₄

Distributor Name:
Alpha Professional Tools®

Address:
103 Bauer Drive, Oakland, NJ 07436

Emergency Tel. No.:
800-648-7229

Section 2: Hazard(s) Identification

Hazardous Decomposition Products:

Can release hydrogen sulfide, sulfur oxides and ammonia under decomposition.

Section 3: Composition/Information on Ingredients

Chemical Name	CAS#	EINECS#	%
Ammonium thioglycolate	5421-46-5	226-540-9	45
Water			47
Rice Powder			7
Others			1

Molecular Formula: C₂H₄O₂S.H₃N

Rational Formula: HS-CH₂COONH₄

Section 4: First-Aid Measures

Eyes: Flush eyes, if exposed with water for 15 minutes, then see a physician.

Skin: Wash exposed area thoroughly with soap and water.

Ingestion: Do not induce vomiting. Seek immediate medical attention.

Inhalation: Get medical attention.

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Section 5: Fire-Fighting Measures

Flash Point (Method Used): No data available
Extinguishing Media: Foam, carbon dioxide, dry chemical

Fire Fighting Procedures:
Use chemical respiratory protection or self breathing apparatus. Use protective gloves and other clothing. Water fog may be used to combat lager fires.
Unusual Fire & Explosion Hazard:
Can release hydrogen sulfide, sulfur oxides, and ammonia on thermal decomposition.

Section 6: Accidental Release Measures

Step to be Taken if Material is Released or Spilled: Remove sources of spark or combustion. Sweep up spilled material.
Neutralizing Chemicals:
Waste disposal Method: Dispose by incineration.

Section 7: Handling and Storage

Precautions to be taken in handling and storage:
Avoid contact of liquid with skin or eyes. Store in a cool, dry place.

Section 8: Exposure Controls/Personal Protection

Ventilation Requirements: Use adequate ventilation.
Respiratory: Cartridge type respirator rated for organic chemical exposure.

Eyes: Chemical safety goggles.
Gloves: Butyl rubber quantiet type
Other Clothing and Equipment:

Section 9: Physical and Chemical Properties

Boiling Point:
Evaporation Rate (Ether=1):
Solubility:
Specific Gravity R,0=1: 1.245(25C)
Appearance & Odor: Colorless liquid, characteristic odor
Vapor Pressure:

Vapor Density (AIR=1):
% Volatiles by VOL.070F :
ph: 6.85-6.98
Hazardous Decomposition Products:
Can release hydrogen sulfide, sulfur oxides and ammonia under decomposition.

Section 10: Stability and Reactivity

Stability:

Stable with normal handling and storage.
Hazardous polymerization will not occur

Conditions to avoid:

Keep away from oxidizing materials.

Section 11: Toxicological Information

Threshold Limit Value: Unknown

Effects of Overexposure Inhalation: Unknown

Skin: May cause irritaiton

Eyes: May cause irritation

Chronic Overexposure Effects:

Section 12: Ecological Information (non-mandatory)

Section 13: Disposal Considerations (non-mandatory)

Step to be Taken if Material is Released or Spilled: Remove sources of spark or combustion. Sweep up spilled material.

Neutralizing Chemicals:

Waste disposal Method: Dispose by incineration.

Section 14: Transport Information (non-mandatory)

Section 15: Regulatory Information (non-mandatory)

Section 16: Other Information

MSDS Creation Date: 1/2/2006 **Revision #4 Date:** Original.

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