



UTILITY ENTERPRISES, INC.
700 MAIN STREET, WESTBURY, NY 11590
(516) 997-6300 - FAX # (516) 997-6345

MATERIAL SAFETY DATA SHEET

DRY LIME SOLV SCALE DISSOLVER

FOR CHEMICAL EMERGENCY: Spill, Leak, Fire, Exposure, or Accident - Call **INFOTRAC** - Day or Night: **1-800-535-5053**
THIS MSDS COMPLIES WITH 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD) **IMPORTANT:** Read this MSDS before handling & disposing of this product. Pass this information on to employees, customers and users of this product.

PRODUCT IDENTIFICATION

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|---------------------------|-------------------------|-----------------------|---------|
| DOT Shipping name: | CLEANING COMPOUNDS, NOI | CAS NO.: | MIXTURE |
| Chemical Family: | INORGANIC ACID | UN/NA#: | UN2967 |
| DOT Hazard Class: | 8 | DATE OF ISSUE: | 4/11 |

SECTION I - HAZARDOUS INGREDIENTS/EXPOSURE LIMITS

| Hazardous Ingredients: | CAS # | TLV/PEL | AGENCY | TYPE | SARA-313(% Range) |
|-------------------------------|--------------|----------------|---------------|-------------|--------------------------|
| SULFAMIC ACID | 5329-14-6 | 10mg/m3 | ACGIH | | 70-99 |

SECTION II - EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Move person away from exposure and into fresh air. If irritation or redness develops, flush eyes with clean water.

For direct contact hold eyelids apart for at least 15 minutes. **Seek medical attention.**

SKIN CONTACT: Remove contaminated shoes and clothing and cleanse affected areas thoroughly by washing with copious amounts of soap and water. If irritation persists **seek medical attention.**

INHALATION: (breathing) Not expected to be a hazard under normal operating conditions.

INGESTION: (swallowing) If swallowed, **seek emergency medical attention.** Dilute immediately by drinking large quantities of water or milk. Do **not** give anything by mouth to an unconscious person.

SECTION III - HEALTH HAZARDS / ROUTES OF ENTRY

EYE CONTACT: Corrosive. May cause corneal and conjunctival edema, corneal opacity, and corneal destruction accompanied by pain, lacrimation, and blurred vision.

SKIN CONTACT: Continuous contact with this material will cause skin burns and severe pain. Chemical itself is an irritant or sensitizer.

SKIN ABSORPTION: Symptoms of toxicity are anticipated by this route .

INHALATION: (breathing) Inhalation of fumes or dust may cause choking, headache, dizziness, weakness, hypotension and delayed pulmonary edema with chest tightness, apnea, and cyanosis.

INGESTION: (swallowing) Ingestion of large quantities may cause the following: Irritation of digestive tract, signs of nervous system depression, such as headache, drowsiness, dizziness, loss of coordination, fatigue, and nausea.

SECTION IV - SPECIAL PROTECTION INFORMATION

VENTILATION: If current ventilation practices are not adequate to maintain airborne concentrations below established exposure limits (see section I), additional ventilation or exhaust systems may be required.

RESPIRATORY PROTECTION: The use of respiratory protection is advised when concentrates exceed the established exposure limits (see Section I). Depending on the airborne concentration use a respirator or gas mask with appropriate cartridges or canisters (NIOSH approved) or supplied air.

PROTECTIVE GLOVES: The use of gloves impermeable to the specific material handled is advised to prevent possible irritation.

EYE PROTECTION: Approved **eye protection** to safeguard against potential eye contact, irritation or injury **is required.**

SECTION V - REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY: (materials to avoid) This product is incompatible with: Chlorine, Potassium chlorate, *Oxidizing agents, strong acids and bases*

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition in the presence of air may yield carbon monoxide, carbon dioxide, oxides of nitrogen and sulfur.

HAZARDOUS POLYMERIZATION: Will not occur



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SECTION VI - SPILL OR LEAK PROCEDURES

PRECAUTIONS IN CASE OF LEAK OR SPILL: Keep all sources of ignition and hot metal surfaces away from spill/release. Stay upwind and away from spill/release. Isolate hazard area and limit entry to emergency crew only. Stop spill/release if it can be done without risk. Wear appropriate protective equipment including respiratory protection as conditions warrant (see Section IV). Prevent spilled material from entering sewers, storm drains, and natural waterways. Dike far ahead of spill for later recovery and disposal. Spilled material may be absorbed by an appropriate absorbent. Notify fire authorities and appropriate federal, state, and local agencies. If spill/release is excess of EPA reportable quantity, immediately notify the **National Response Center**. Phone **800-424-8802**
WASTE DISPOSAL METHOD: Dispose of product in accordance with local, county, state, and federal regulations.

SECTION VII - STORAGE AND SPECIAL PRECAUTIONS

HANDLING AND STORAGE PRECAUTIONS: Do not get in eyes, skin or clothing. Do not breathe vapor mist or gas. Keep containers tightly closed, cool, dry, and away from all sources of ignition. Use and store this product with adequate ventilation. Avoid inhalation of vapors and personal contact with the product. Use good personal hygiene practices. "Empty" containers contain residue (liquid and/or vapor) and can be dangerous. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

SECTION VIII - FIRE AND EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA: Extinguish with dry chemical, CO₂, water spray or a universal type foam.
FIRE AND EXPLOSION HAZARD: May decompose during contact with flames, heating elements, or in combustion engines releasing irritating gases. Container may explode if heated due to resulting pressure rise.
FIRE FIGHTING PROCEDURES: Wear appropriate protective equipment including respiratory protection as conditions warrant (see Section IV). Stop spill/release if it can be done without risk. Water spray may be useful in minimizing or dispersing vapors and cooling equipment exposed to heat and flame. Avoid spreading burning liquid with water used for cooling purposes.

SECTION IX - PHYSICAL DATA

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| APPROXIMATE BOILING POINT (DEG F): >400 | PER CENT VOLATILE: NONE |
| SPECIFIC GRAVITY (68 F): 2.0 | FLASH POINT (TCC, DEG F): >200 |
| RELATIVE EVAPORATION RATE (ESTIMATED): <1 | PER CENT SOLUBILITY IN WATER: 100 |
| VAPOR PRESSURE @20C mmHg (CALCULATED): <1 | |

SECTION X - OTHER REGULATORY DATA

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| <u>SARA</u> | <u>HMIS</u> |
| <i>SECTION 302:</i> NONE | Health: 2 |
| <i>SECTION 311 & 312:</i> NONE | Flammability: 1 |
| <i>SECTION 313:</i> See Section I.I | Reactivity: 1 |
| <u>TSCA</u> | <u>CALIFORNIA PROPOSITION 65</u> |
| All components are in full compliance with the TSCA inventory. | NOT LISTED |
| <u>RCRA</u> | <u>CERCLA</u> |
| NOT REGULATED | NOT REGULATED |

CARCINOGENICITY:
 NOT LISTED with NTP or IARC.

NOTICE

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