



UTILITY MANUFACTURING CO., INC.
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MATERIAL SAFETY DATA SHEET

SUPER COIL CLEANSE CONCENTRATE

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

DOT Shipping name: CORROSIVE LIQUID, N.O.S. **CAS NO.:** MIXTURE
Chemical Family: ACID **UN/NA #:** UN 1760
DOT Hazard Class: 8 **DATE OF ISSUE:** 4/08

SECTION I - HAZARDOUS INGREDIENTS/EXPOSURE LIMITS

| Hazardous Ingredients: | CAS # | TLV/PEL | AGENCY | TYPE | SARA-313(% Range) |
|------------------------|-----------|-------------|--------|------|-------------------|
| AMMONIUM BIFLUORIDE | 1341-49-7 | NONE LISTED | | | 10-30 |
| PHOSPHORIC ACID | 7664-38-2 | 1 MG/M3 | ACGIH | TWA | 5-20 |
| SULFURIC ACID | 7664-93-9 | 1 MG/M3 | ACGIH | TWA | 5-15 |

SECTION II - EMERGENCY AND FIRST AID PROCEDURES

WARNING: CORROSIVE

EYE CONTACT: Move person away from exposure and into fresh air. If irritation or redness develops, flush eyes with clean water and seek medical attention. 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 mild soap and water. If irritation persists **seek medical attention.**

INHALATION: (breathing) If inhaled, remove to fresh air. If respiration stops, give artificial respiration. If breathing is difficult, give oxygen. **Get medical attention.**

INGESTION: (swallowing) Do not give anything by mouth to an unconscious person. Do not induce vomiting. Give large quantities of water and **seek medical attention.**

SECTION III - HEALTH HAZARDS / ROUTES OF ENTRY

EYE CONTACT: One or more components of this material will irritate and burn eyes.

SKIN CONTACT: Contact can cause burns. Chemical itself is an irritant or sensitizer.

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

INHALATION: (breathing) Breathing of mist or spray may cause damage to the upper respiratory tract and lung tissue.

INGESTION: (swallowing) Ingestion may cause severe burns to the mouth, throat, esophagus and stomach.

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 rubber gloves is required.

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: *Alkalies, Oxidizing agents, strong acids and bases*

HAZARDOUS DECOMPOSITION PRODUCTS: Hydrogen fluoride and ammonia

HAZARDOUS POLYMERIZATION: Will not occur

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. **WASTE DISPOSAL METHOD:** Dispose of product in accordance with local, county, state, and federal regulations.



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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. Bond and ground equipment when transferring to another container. "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. Do not store in aluminum or glass containers.

SECTION VIII - FIRE AND EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA: Extinguish with dry chemical, CO₂, 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

| | |
|--|--|
| APPROXIMATE BOILING POINT (DEG F): >200 | PER CENT VOLATILE: 93 |
| SPECIFIC GRAVITY (68 F): >1 | FLASH POINT (TCC, DEG F): NONE |
| RELATIVE EVAPORATION RATE (ESTIMATED): <1 | PER CENT SOLUBILITY IN WATER: 100 |
| VAPOR PRESSURE @20C mmHg (CALCULATED): <0.1 | |

SECTION X - OTHER REGULATORY DATA

| | | |
|--|---|---|
| <u>SARA</u> | <u>HMS</u> | |
| <i>SECTION 302:</i> NONE | Health: | 3 |
| <i>SECTION 311 & 312:</i> ACUTE | Flammability: | 0 |
| <i>SECTION 313:</i> See Section I.I | Reactivity: | 2 |
| <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> | |
| Waste material would be a D002 | AMMONIUM BIFLUORIDE RQ: 100 LBS. | |
| | PHOSPHORIC ACID RQ: 5000 LBS. | |
| | SULFURIC ACID RQ: 1000 LBS. | |

CARCINOGENICITY:
 NOT LISTED with NTP or IARC.

NOTICE

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.