

Material Safety Data Sheet
 OSHA Hazard Communication Standard
 CFR 1910.1200

Product Trade Name:
Tex Clean Scum Away
A White Scum Remover

| Section I - Identity | | | | | |
|---|--|---|----------------------------|--------------------------|---------------------------|
| Manufacturer Name: AHI Supply, L P P.O. Box 884 Friendswood, Texas 77546 | | Emergency Telephone No. 800.424.9300 Information Telephone No. 800.873.5794 Date Prepared 5/24/1994 Rev. 02/29/2009 | | | |
| Section II - Hazardous Ingredients / Identity Information | | | | | |
| Chemical Name | Case # | ACGIH-TLV | OSHA-PEL | | |
| Sulfuric Acid: | 7664-93-9 | 1.0 mg/cu. m | 1.0 mg/cu. m | | |
| Phosphoric Acid: | 7664-38-2 | 1.0 mg/cu. m | 1.0 mg/cu. M | | |
| Hydrofluoric Solution: | 1341-49-7 | 2.5 mg/cu. m | N/A | | |
| Section III - Physical and Chemical Characteristics | | | | | |
| | Boiling Point | Vapor Pressure | Vapor Density | Evaporation Rate: | |
| | (F) | (mm/Hg) | (air=1) | (1=butyl acetate) | |
| Sulfuric Acid: | 276-281 | .0015 @ 35C | N/A | N/A | |
| Phosphoric Acid: | 316 | 2.2 @ 20 C | 1.69 | N/A | |
| Hydrofluoric Solution: | 446 | N/A | 0.7 | N/A | |
| | Specific Gravity | % Volatile | Solubility in Water | PH | Appearance |
| Scum Away: | 1.080 | N/A | Very Soluble | <3 | Clear Liquid/Pungent Odor |
| Section IV - Fire and Explosion Hazard Data | | | | | |
| Flash Point (Method Used): | N/A | | LEL | N/A | |
| Flammable Limits: | N/A | | UEL | N/A | |
| Extinguishing Method: | Dry chemical or Carbon Dioxide (use water to cool any surrounding tanks) | | | | |
| Special Fire Fighting Procedures: | At high temperatures, only use water to cool exposed containers. A direct stream of water might cause spattering. Explosive Hydrogen Gas can be generated inside containers. Acid plus active metal can also form explosive concentrations of Hydrogen. Firefighters should wear a self-contained breathing apparatus and protective clothing capable of repelling corrosive material. | | | | |
| Section V - Reactivity Data | | | | | |
| Stability: | Unstable | | Conditions to Avoid: None | | |
| | Stable | X | | | |
| Hazardous Decomposition or Byproduct: | Sulfur Trioxide mist, NH3, HF, and phosphorous Oxides | | | | |
| Incompatibility: | Avoid reactions with active metals, acids, alkalis, carbides, chlorates, fulminates, nitrates, picrates, powdered metals and other combustible materials. | | | | |
| Hazardous Polymerization: | Will not occur | | | | |
| Section VI - Health Hazard Data | | | | | |
| Route(s) of Entry: | Inhalation | Yes | Skin/Eyes | Yes | Ingestion |
| | | | | | Yes |
| Carcinogen Information: | None Listed | | | | |
| Health Conditions Aggravated by Overexposure: | No applicable information found. | | | | |
| Effects of Over Exposure: | Over exposure causes severe burns to eyes, skin, respiratory or gastrointestinal tracts. Burns may not be immediately painful and they may not produce symptoms for up to eight hours or longer. | | | | |
| Chronic Over Exposure: | Delayed reaction to exposure enables the chemical to penetrate tissues of the body. Any form of over exposure can cause skin ulcers, erosion of teeth, jaw neurosis, bronchial irritation and/or pneumonia, or gastrointestinal disturbances. | | | | |

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| <p>Section VI - Health Hazard Data (Continued)</p> <p>Eye Contact: Solution is extremely corrosive to eyes. Brief contact w/ vapors will be severely irritating. Brief contact of the liquid or mist will severely damage the eyes and prolonged contact may cause permanent eye injury or blindness.</p> <p>Skin Contact: Solution is extremely corrosive to skin. Vapors will severely irritate the skin and liquid and mists will severely burn the skin. Prolonged liquid contact will burn and possibly destroy surrounding tissue and death may occur with burns that cover a large portion of the body.</p> <p>Inhalation: Vapors and mists are extremely corrosive to the nose, throat, and mucous membranes. Bronchitis, pulmonary edema, and chemical pneumonitis may occur. Irritation, coughing, chest pain, and difficulty breathing may occur with brief exposure while prolonged exposure may result in more severe irritation and tissue damage. Breathing high concentrations may result in death.</p> <p>Ingestion: Swallowing the liquid burns the tissues, causes severe abdominal pain, nausea, vomiting, and collapse. Swallowing large quantities can cause death.</p> |
| <p>Emergency First Aid Procedures:</p> <p>Eye Contact: DO NOT USE ZEPHIRAN CHLORIDE IN EYES! Immediately flush with water for 30 minutes. Keep eyelids pushed open during flushing. Contact a physician immediately.</p> <p>Skin Contact: Immediately flush with cold water for 15 minutes while removing contaminated clothing. Follow with treatments of Zephiran Chloride and contact a physician.</p> <p>Inhalation: Immediately remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration but not mouth to mouth.</p> <p>Ingestion: Do not induce vomiting. Give large quantities of water followed by milk or Milk of Magnesia.</p> |
| <p>Section VII - Spill / Leak Procedures</p> <p>Spill or Leak Procedures: In case of spill, flush area with water and neutralize with baking soda.</p> <p>Waste Disposal Method: Consult appropriate federal, state, and local regulatory agencies to ascertain proper disposal procedures. Do Not re-use containers.</p> |
| <p>Section VIII - Special Precautions for Safe Handling and Use</p> <p>Precautions for Handling and Storing: Check cap for tightness and the container for leakage. Transport in upright position only. Store only in cool, dry area and away from any potential source of contamination. Store in original labeled container.</p> <p>Precautions for Safe Use: Mix and store only in acid-resistant containers with polypropylene, polyethylene or rubber lined steel construction. Do not mix with any other chemicals and dilute according to the Product Data Sheet. Slowly add small amount of concentrated cleaner to water. Do no use hot water. Do not add water to concentrated cleaner. Use proper safety protection. (refer to Section IX)</p> <p>Follow all precautions and procedures as described in the Product Data Sheet.</p> |
| <p>Section IX - Special Protection Information, Control Measures</p> <p>Respiratory Protection: NIOSH/MSHA approved canister respirator if vapors exceed 5 PPM T.L.V.</p> <p>Ventilation: Yes</p> <p>Protective Clothing: Wear acid resistant neoprene or PVC rain suit and rubber boots.</p> <p>Protective Gloves: Rubber, acid resistant gloves.</p> <p>Eye Protection: Chemical goggles and/or full face shield.</p> <p>Other Protective Equipment: Eye washing facility and safety shower.</p> |
| <p>Section X – Shipping and Transport Information</p> <p>Shipping Description: Corrosive liquid, toxic, N.O.S. (Sulfuric, Phosphoric and Hydrofluoric Acid)</p> <p>Hazard Class: 8, UN2922, II</p> <p>Required Label: Corrosive</p> <p>Placard Required: Over 1000#</p> |

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