

Material Safety Data Sheet

May be used to comply with
 OSHA's Hazard Communication Standard
 29 CFR 1910.1200. Standard must be
 consulted for specific requirements.

Identity (As Used on Label and List)

ChemRite® Rust Remover - Liquid (Bulk)

Utex Style 1050

ChemRite® is a registered tradename of Utex Industries, Inc.

U.S. Department of Labor

Occupational Safety and Health Administration
 (Non-Mandatory Form)
 Form Approved

OMB No. 1218-0072

Note: Blank spaces are not permitted. If any item is not applicable,
 or no information is available, the space must be marked to
 indicate that.

Date Prepared: June 18, 1998

SECTION I**Manufacturer's Name:**

Utex Industries, Inc.
 10810 Old Katy Road, Suite 100
 Houston, Texas 77043

Telephone No. (Information): 713-467-1000 / 800-359-9229

~~**24 Hour Emergency No. (Chem-Tel, Inc.):** 800-255-3924~~

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Hydrogen Fluoride (CAS #7664-39-3)	3 ppm	3 ppm	N/E	<7
Hydrochloric Acid (CAS #7647-01-01)	5 ppm	5 ppm	N/E	N/E

N/E = None Established

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	215°F	Specific Gravity (H₂O = 1):	1.095
Vapor Pressure (mm Hg):	Not Available	Melting Point:	Not applicable
Vapor Density (AIR = 1):	1	Evaporation Rate (Butyl Acetate = 1):	1
Solubility in Water:	Complete		

Appearance and Odor: Clear amber solution with acid odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): None **Flammable Limits:** LEL No data UEL No data

Extinguishing Media: Water, dry chemicals, foam

Special Fire Fighting Procedures: Not applicable

Unusual Fire and Explosion Hazards: Contact with metal may produce flammable Hydrogen Gas. Take precautions to prevent contact with metals.

SECTION V - REACTIVITY DATA

Stability: Stable **Conditions to Avoid:** Applicable information not found

Incompatibility (Materials to Avoid): Alkaline materials, metals, oxidizing materials, cyanides, sulfides

Hazardous Decomposition or Byproducts: Carbon monoxide, carbon dioxide, oxides of Phosphorous

Hazardous Polymerization: Will Not Occur

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry:	Inhalation? X	Skin? X	Ingestion? X
Health Hazards (Acute and Chronic):	Severe burns on skin and eyes. Prolonged contact will burn or destroy surrounding tissue. Minimize exposure.		
Carcinogenicity:	NTP? No	IARC Monographs? No	OSHA Regulated? No
Medical Conditions Generally Aggravated by Exposure:	Applicable information not found.		
Signs and Symptoms of Exposure:	Severe burns on skin and eyes. Removal of calcium from tissue.		
Emergency and First Aid Procedures:			
Eyes:	Flush with plenty of water, get immediate medical attention.		
Skin:	Flush with cold water, soak contaminated area in 0.13% iced aqueous Zephiran Chloride solution for 30-60 minutes, call physician.		
Inhalation:	Remove to fresh air - give oxygen.		
Ingestion:	DO NOT INDUCE VOMITING! Give water with one ounce of magnesia - get medical attention.		

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material is Released or Spilled:	Collect large quantities with absorbent and flush with plenty of water.
Waste Disposal Method:	Dilute with plenty of water and neutralize with caustic soda solution. Dispose in accordance with federal, state and local regulations.
Precautions to Be Taken in Handling and Storing:	Residue left in container may be harmful.
Other Precautions:	DOT identification: Hydrofluoric Acid Solution/Corrosive Material/UN1790.

SECTION VIII - CONTROL MEASURES

Respiratory Protection (Specify Type):	none
Local Exhaust:	X
Mechanical (General):	X
Skin Protection:	Acid resistant gloves
Eye Protection:	Goggles & face shield
Other Protective Clothing or Equipment:	Chemical resistant apron.
Work/Hygienic Practices:	Always use gloves & goggles. Check for any holes in gloves.

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