



Material Safety Data Sheet

Revision Date: 03/06/2006

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Section I: Product and Company Information

Emergency Contact: Chem*Tel (800) 255-3924

Product Name: **RUST STAIN REMOVER**Code: **1543**

Shipping Description: CORROSIVE LIQUIDS, TOXIC, N.O.S.

Sold by: Theochem Laboratories Inc
7373 Rowlett Park Drive
Tampa, FL 33610-1141(Contains less than 6% Hydrofluoric Acid) 8
6.1, UN2922, PG II

NEPA Ratings:

Health: 4 - Very Serious
Fire: 0 - Minimal
Reactivity: 1 - Slight

HMS Ratings:

Health: 4 - Very Serious
Fire: 0 - Minimal
Reactivity: 1 - Slight

Section II: Hazardous Ingredients

Name	CAS #	% By Weight	OSHA PEL	ACGIH TLV	Other Limits
Hydrofluoric Acid	7664-39-3	< 5%	3 PPM	N/A	N/A

*Indicates hazardous ingredients which are toxic chemicals subject to the reporting requirements of section 3013 of the emergency planning and community right-to-know act of 1986 and of 40 CFR 32

Section III: Physical/Chemical Characteristics

Boiling Point:	212° F	Specific Gravity (Water = 1):	1.0 - 1.10
Vapor Pressure (mm.HG):	SAME AS WATER	Melting Point:	N/A
Vapor Density (Air = 1):	SAME AS WATER	Evaporation Rate (BuAc = 1):	SLOWER
Solubility In Water:	COMPLETE	pH of Concentrate:	3.5 ± 0.3
Appearance and Odor:	COLORLESS LIQUID, ACIDIC ODOR		

Section IV: Fire and Explosion Hazard Data

Flash Point (method used):	NONE	Flammable Limits:	N/A
LEL:	N/A	UEL:	N/A
Extinguishing Media:	NONE		
Special Firefighting Procedures:	FIRE FIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS. VAPORS ARE IRRITATING.		
Unusual Fire & Explosion Hazards:	EXPLOSIVE HYDROGEN GAS WILL BE LIBERATED FROM CONTACT WITH SOME METALS.		

Section V: Reactivity Data

Product Is:	STABLE
Conditions To Avoid:	N/A
Incompatibility (materials to avoid):	AVOID CONTACT WITH OXIDIZERS & ALKALIS
Hazardous Decomposition or Byproducts:	NONE
Hazardous Polymerization:	WILL NOT OCCUR

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Section VI: Health Hazard Data

Route(s) Of Entry:

Inhalation: YES
Skin: NO
Ingestion: UNLIKELY

Health Hazards (Acute & Chronic): WILL CAUSE SEVERE BURNS TO SKIN & EYES. HARMFUL EFFECTS MAY NOT BE IMMEDIATELY APPARENT. INGESTION WILL BURN TISSUE. SPRAY MIST INHALATION WILL HARM RESPIRATORY TRACT.

Carcinogenicity: NTP: NO ARC Monographs: NO OSHA Regulated: NO
Signs & Symptoms Of Exposure: BURNING OF SKIN , EYES AND RESPIRATORY TRACT
Medical Conditions Generally Aggravated by Exposure: NONE KNOWN

Emergency and First Aid Procedures

Skin Contact:

IMMEDIATELY RINSE WITH WATER FOR AT LEAST 15 MINUTES. IF SKIN IS IRRITATED, SEEK MEDICAL ATTENTION.

Eye Contact:

IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINS., SEEK MEDICAL ATTENTION.

Ingestion:

DRINK PLENTY OF WATER, THEN MILK OR MILK OF MAGNESIA, SEEK MEDICAL ATTENTION.

Inhalation:

REMOVE VICTIM TO FRESH AIR, ADMINISTER OXYGEN, SEEK MEDICAL ATTENTION.

Section VII: Precautions For Safe Handling And Use

Spill Steps:

WEARING PROTECTIVE CLOTHING, CONTAIN SPILL. SPILLS CAN BE NEUTRALIZED WITH SODA ASH OR LIME. THEN ABSORBED ON SAND OR OTHER ABSORBENT & SHOVELED TO PLASTIC DRUMS FOR DISPOSAL. EMPTY CONTAINER WILL RETAIN PRODUCT RESIDUE & SHOULD BE HANDLED WITH THE SAME PRECAUTIONS AS A FULL CONTAINER.

Waste Disposal Method:

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Storage & Handling:

STORE IN A DRY, COOL AREA . VENT CONTAINER CAREFULLY AS NEEDED TO RELIEVE PRESSURE AGENTS. KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN. EMPTY CONTAINER WILL RETAIN PRODUCT RESIDUE & SHOULD BE HANDLES WITH THE SAME PRECAUTIONS AS A FULL CONTAINER.

Section VIII: Control Measures

Respiratory Protection: NIOSH APPROVED, SELF-CONTAINED BREATHING APPARATUS.
Ventilation: Local Exhaust: AS REQUIRED TO MAINTAIN TLV LIMITS
Special: N/A
Mechanical: N/A
Other: N/A
Protective Gloves: IMPERVIOUS , E.G. RUBBER
Eye Protection: CHEMICAL GOGGLES.
Other Protective Equip/clothing: IMPERVIOUS CLOTHING, RUBBER BOOTS AS REQUIRED TO AVOID SKIN CONTACT
Work/hygienic Practices: WHERE PRODUCT IS HANDLED OR STORED, SHOWERS & EYE WASH FOUNTAINS SHOULD BE READILY ACCESSIBLE. WASH HANDS AFTER USE. KEEP OUT OF REACH OF CHILDREN.

We believe the information given is accurate. It is offered in good faith, but without guarantee. Since conditions are beyond our control, user assumes all responsibility and risk.