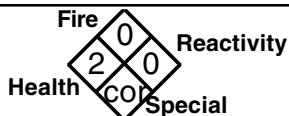


HAZARD RATING

4-EXTREME
3-HIGH
2-MODERATE
1-SLIGHT
0-INSIGNIFICANT

**MATERIAL SAFETY DATA SHEET**

(Prepared according to 29 CFR 1910. 1200)

Date Prepared: 4-11-12

SECTION 1 - PRODUCT IDENTIFICATION

Company Name Multi-Steam	Emergency Telephone No. 203-626-7759
Address Wallingford, Connecticut	Information Telephone No. 203-626-7759
Product Name / ID# Rust Remover (1182)	Product Type Spotter <input type="checkbox"/> Proprietary Product

SECTION 2 - HAZARDOUS INGREDIENTS

Chemical Name/Common Name	Cas No.	Percent (optional)	TLV (Source)
*Hydrofluoric Acid	7664-38-3	< 5%	TWA 2.5 mg/M3 (asF)
*Phosphoric Acid	7664-38-2	< 5%	1mg/m3(ACGIH)
Oxalic Acid	144-62-7	< 5%	NA

* Substances Contains no substances - subject to the reporting requirements of SARA 313 and 40 CFR Part 372.

SECTION 3 - PHYSICAL DATA

Boiling Point (°F) > 200°F	Specific Gravity (H ₂ O=1.0) 1.0192 ± 0.005	pH 1.5	% VOC (ww) 0
Solubility in Water	<input checked="" type="checkbox"/> Complete <input type="checkbox"/> Insoluble <input type="checkbox"/> Emulsifiable or (Dispersible) <input type="checkbox"/> Slight (or Partial)		
Evaporation Rate (vs H ₂ O)	<input type="checkbox"/> Faster <input type="checkbox"/> Slower <input checked="" type="checkbox"/> About the Same	Vapor Pressure NA	Vapor Density NA

Appearance and Odor Clear colorless liquid with pungent odor.

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (T.C.C.)	<input checked="" type="checkbox"/> None to boiling	Flammable Limits	Upper NA	Lower NA
Extinguishing Media	Water fog, water stream, CO ₂ , dry chemical, foam.			
Special Fire Fighting Procedures	Wear self contained breathing apparatus.			
Unusual Fire Explosion Hazards	Reaction with certain metals may generate flammable & potentially explosive hydrogen gas			

SECTION 5 - REACTIVE DATA

Stability Stable	Incompatibility Strong alkalis, strong oxidizers, metals. Do not mix or contaminate w/other materials
Hazardous Decomposition Products	Hydrogen fluoride and Ammonia fumes.

SECTION 6 - HEALTH HAZARDS

Threshold Limit Value Product See Section 2 for Ingredients TLV	<input checked="" type="checkbox"/> None Established <input type="checkbox"/> Not Applicable	Primary routes of Exposure	<input checked="" type="checkbox"/> Eyes <input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Oral <input checked="" type="checkbox"/> Inhalation
Signs Symptoms of Over-exposure (Acute)	Redness, watering & irritation to the eyes. May cause irritation & burns not immediately or apparent. Ingestion may cause irritation to oral cavity, nausea Irritation to mucous membranes, and shortness of breath if swallowed. cause burns & blisters. Ingestion may cause burns to oral cavity, blistering. Inhalation may cause burns to mucous membranes, coma.		
Signs Symptoms of Over-exposure (Chronic)	Contact with eyes may cause severe burns & possibly blindness. Contact with skin may		
Medical Conditions Aggravated by Over-exposure	Eyes and skin allergies, open sores.		
Carcinogen/Suspected Carcinogen Ingredients: Unknown	<input type="checkbox"/> NTP <input type="checkbox"/> IARC <input type="checkbox"/> OSHA <input type="checkbox"/> None		

SECTION 7 - FIRST AID PROCEDURES - (If any Condition persists - Consult a physician.)

Eyes	Flush with plenty of water for 15 minutes while holding eyelids open. Get medical attention immediately.
Skin	Flush with large quantities of water for 15 to 20 min, thoroughly clean under nails. Remove contaminated clothing. Get medical help.
Ingestion	Give quantities of water to dilute. DO NOT induce vomiting. Get medical attention immediately.
Inhalation	Remove to fresh air. Give artificial respiration if qualified. Get medical attention.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection	For prolonged use, wear NIOSH approved respirator for HFA gas or mist, as applicable.
Ventilation requirements	<input checked="" type="checkbox"/> Local Exhaust <input checked="" type="checkbox"/> Mechanical As needed to minimize exposure to vapors or mists.
Protective Gloves	Rubber gloves
Eye Protection	Chemical goggle or full face shield

Other Protective Clothing Chemical apron and boots

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken if Released or Spilled Contain small spill and dilute with water. Large spill, wear NIOSH approved ventilator or self contained breathing apparatus. Contain spill & dilute with water. Neutralize with Soda ash or 10% Caustic soda solution

Waste Disposal Methods Check with Federal, State and Local regulations for proper disposal.

SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in handling and Storage Store in cool, dry place away from direct sunlight. Keep away from children in a locked storage cabinet. Always wear rubber gloves and eye goggles when handling even for short periods.