

# MATERIAL SAFETY DATA SHEET

<b>IDENTITY</b>	<b>RustGo®</b>
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**SECTION I**

<b>MANUFACTURER:</b> A.L. WILSON CHEMICAL CO. 1050 HARRISON AVENUE P.O. BOX 207 KEARNY, NJ 07032	<b>EMERGENCY TELEPHONE NUMBER</b>	800-424-9300 or 703-527-3887
	<b>TELEPHONE NUMBER FOR INFORMATION:</b>	201-997-3300
	<b>DATE PREPARED:</b>	April 9, 2003

**SECTION II - IMPORTANT INGREDIENTS / IDENTITY INFORMATION**

IMPORTANT COMPONENTS	CHEMICAL IDENTITY	CAS #	%	TLV
HYDROFLUORIC ACID*	HF	7664-39-3	12% approx.	3.0 ppm ACGIH
AMMONIUM BIFLUORIDE	NH <sub>4</sub> HF <sub>2</sub>	1341-49-7	16% approx.	2.4Mg/M3
WATER	H <sub>2</sub> O	7732-18-5		

\* Subject to SARA, Title III, Section 313 and 40 CFR 372.

**SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS**

<b>BOILING POINT</b>	ND	<b>SPECIFIC GRAVITY (H<sub>2</sub>O=1)</b>	1.1 approx
<b>VAPOR PRESSURE (mm Hg)</b>	ND	<b>MELTING POINT</b>	NA
<b>VAPOR DENSITY (air =1)</b>	ND	<b>EVAPORATION RATE (butyl acetate =1)</b>	ND
<b>SOLUBILITY IN WATER</b>	100%		
<b>APPEARANCE AND ODER</b>	colorless liquid, sharp odor		

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

<b>FLASH POINT</b> NA (method used)	<b>FLAMMABLE LIMITS</b> NA
<b>EXTINGUISHING MEDIA</b> water or carbon dioxide "CO <sub>2</sub> " for fires in area	
<b>SPECIAL FIRE FIGHTING PROCEDURES</b> NA	
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS</b> NA	

**SECTION V - REACTIVITY DATA**

<b>STABILITY</b> stable	<b>CONDITIONS TO AVOID</b> Avoid contact with strong alkalis, metals or high temperature.
<b>INCOMPATIBILITY (MATERIALS TO AVOID)</b> strong alkalis, metals or other material	
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b> With metals can release potentially dangerous hydrogen gas. At decomposition emits highly corrosive fluoride fumes.	
<b>HAZARDOUS POLYMERIZATION</b> will not occur	

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**SECTION VI - HEALTH HAZARD DATA****EFFECTS OF OVEREXPOSURE****EYES:** May cause permanent damage**SKIN:** May cause severe burns which may not be immediately painful or visible, and may penetrate skin and damage underlying tissue.**INGESTION:** May cause throat burns and severe swelling restricting breathing.**INHALATION:** Concentration of "F" vapors of 2Mg/M<sup>3</sup> or more may cause damage to lungs, respiratory system and pulmonary edema.**FIRST AID**

In each case of overexposure, after first aid treatment, see a physician as soon as possible thereafter.

**EYES:** Flush immediately with large quantities of clean cool water for at least 15 minutes. (Hold eyelids apart if necessary.)**SKIN:** Flush immediately with large quantities of water. (Shower if available. ) Remove contaminated clothing.**INGESTION:** See a physician as soon as possible.**INHALATION:** Immediately remove victim from source of exposure.**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Cover area with sodium bicarbonate to neutralize acid. Scoop up and dispose of as below.

**WASTE DISPOSAL METHOD:**

Dispose of in accordance with federal, state and local regulations.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:**

Do not get in eyes on skin or on clothing. Do not breathe vapor. Wash thoroughly after handling.

**OTHER PRECAUTIONS**

Do not use if pregnant.

**SECTION VIII - CONTROL MEASURES****RESPIRATORY PROTECTION**

Above 20 ppm of "F" wear OSHA permissible gas mask or cartridge.

**VENTILATION**

local exhaust

**PROTECTIVE GLOVES**

PVC or neoprene

**EYE PROTECTION**

chemical splash goggles.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT**

rubber apron

**WORK/HYGIENIC PRACTICES**

Wash thoroughly after handling. Do not smoke, eat or drink in work area.

**NA = Not Applicable****ND = Not Determined**

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