



**FABPRO INC.**

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**HAZARD RATING HMIS**

Health=2, Flammability= 0, Reactivity=1  
(Index: 4=very high, 3=high, 2=moderate  
1=slight, 0=insignificant)

**Material Safety Data Sheet**

**I. General Information**

<b>Trade Name &amp; Synonym</b> Rust Remover Plus		<b>Chemical Family</b> Inorganic salt mixture
<b>Chemical Name &amp; Synonym</b> Mixture	<b>Date prepared</b> January 1996	<b>Prepared by</b> Aziz Ullah Ph.D.

**II. Ingredients**

Water, Neutralized fluoride salts, Surfactant

**III. Physical Properties**

<b>Boiling Point</b> Approx. 212°F	<b>Specific Gravity (Water=1)</b> 1.025
<b>Vapor Pressure (mm Hg.)</b> ND	<b>Melting Point</b> Approx 32°F
<b>Vapor Density (AIR=1)</b> >1	<b>Evaporation Rate (Butyl Acetate=1)</b> >1
<b>Solubility in Water</b> Soluble	<b>Appearance and odor</b> Water white liquid/no odor
<b>pH (Liquid as is )</b> 4.0-6.0	

**IV. Fire and Explosion Hazard Data**

<b>Flash Point (TOC)</b> NA	<b>Flammable Limits</b> NA	<b>LEL</b>	<b>UEL</b> NA
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**Extinguishing Media**

Foam, CO<sub>2</sub>, Dry Chemical, Water Fog

**Special Fire Fighting Procedures**

Usual fire fighting procedures can be used

**Unusual Fire and Explosion Hazards**

None known

**V. Reactivity Data**

<b>Stability</b>	<b>Unstable</b> X	<b>Conditions to avoid</b> High temperatures over 125°F/alkaline materials
	<b>Stable</b>	

**Incompatibility (Materials to avoid)**

Glass, oxidizing agents, Alkalis

**Hazard Decomposition or Byproducts**

Material can decompose to form HF acid with water

<b>Hazardous</b>	<b>May occur</b>	<b>Conditions to avoid</b>
<b>Polymerization</b>	<b>Will not occur</b> X	

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VI. Health Hazard Data

Routes of Entry	Inhalation	Skin	Ingestion	Eyes
	Yes	No	Yes	Yes

Health Hazards

Irritating to eyes nose and throat.

Signs and Symptoms of Exposure

Irritation discomfort

Medical Conditions Aggravated by Exposure

None known

Emergency and First Aid Procedures

Move to fresh air. If contacted flush thoroughly with water. If irritation persists see physician, if ingested drink milk or water and see physician

VII. Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

Flush with water.

Waste Disposal Method

Check with federal state or local regulations. Waste may be discharged into sanitary sewer as non-hazardous waste if regulations permit

Precautions to be taken in Handling and Storing

Store in a cool place. Avoid breathing vapor, keep away from eyes and repeated or prolonged contact with skin

Other Precautions

Keep away from glass

VIII. Control Measures

Respiratory Protection

Ventilation

Ventilation	Local Exhaust	Special
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Provide ventilation

Mechanical	X	Other
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Protective Gloves

For repeated contact impermeable gloves suggested

Eye Protection

Monogoggles suggested

Other Protective Clothing or Equipment

Avoid breathing vapor

Work/Hygienic Practices

Wash after handling Keep out of reach of children

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