

The Master's Touch
 7901 N. 71st Ave.
 Glendale, AZ. 85303
 1-623-889-0313

Safety Data Sheet

Section 1: Product and Company Information

Product Identifier

Product Name: **Rust Remover**
Product Number: 20-260

24 Hour Emergency Phone Numbers: 1-800-535-5035

Section 2: Hazards Identification

<u>GHS Classification</u>	Skin Corrosion: Category 1B Acute toxicity, Oral Category 4
<u>GHS Label Elements</u>	
Signal Word:	Danger
Symbols:	
Hazard Statements:	Causes severe skin burns and eye damage. Harmful if swallowed. Harmful to aquatic life.

Appearance: Colorless

Physical State: Liquid

Odor: Mild

Precautionary Statements – Prevention	Wash thoroughly after handling. Do not breathe mists/spray. Avoid release into environment. Wear protective gloves. Wear eye/face protection.
Precautionary Statements – Response	If swallowed: Call physician or poison control immediately. If on skin: Remove contaminated clothing and rinse affected areas immediately with water. If in eyes: Rinse with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. Call physician or poison control immediately.
Precautionary Statements – Disposal	In accordance with all local, regional, national regulations.
Hazards not otherwise classified (HNOC) Other information Unknown Acute Toxicity	None Known.

Section 3: Composition / Information on Ingredients

Chemical Name	CAS No.	Weight-%	Trade Secret
Ammonium bifluoride	1341-49-7	5 – 10	*
Alcohols, C9-11, ethoxylated	68439-46-3	1-5	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

Section 4: First Aid Measures

General Advice:	Ensure that medical personnel are aware of the material involved and take precautions to protect themselves.
Eye Contact:	Immediately flush with water for 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing. Get immediate medical attention.
Skin Contact:	Wash with soap and water. Get immediate medical attention. Remove and launder contaminated clothing before reuse.
Inhalation:	Move to fresh air. Call physician if symptoms develop or persist.
Ingestion:	Rinse mouth. Do not induce vomiting without advice from medical professional. Get medical attention.
Self-protection for first aider:	
Note to physicians:	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media:	Water fog, foam, dry chemical powder, CO2.
Hazardous Combustion Products:	During fire, gases hazardous to health may be formed.
Specific Hazards Arising from Chemical:	Unknown.
Protective equipment and precautions for fire-fighters:	Self-contained breathing apparatus and full protective clothing must be worn.

Section 6: Accidental Release Measures

Personal Precautions:	Keep unnecessary personnel away. Wear appropriate protective equipment and clothing. Ensure adequate ventilation. Avoid breathing mists/vapors.
Spill Clean-Up:	Absorb with appropriate inert absorbent material. Place in container for disposal. Do not allow material to enter waterways, drains or soil.

Section 7: Handling and Storage

Advice on Safe Handling:	Avoid skin and eye contact. Provide adequate ventilation. Wear all appropriate safety equipment. Use good industrial hygiene practices.
Storage Conditions:	Store in original container in cool, dry, well ventilated location. Keep lid tightly closed.
Incompatible Materials:	Strong acids and strong bases, silicate containing materials, metal.

Section 8: Exposure Controls

<u>Product Name</u>	<u>Exposure Limits</u>
Ammonium bifluoride, 1341-49-7	TWA: 2.5 mg/m3

Personal Protective Equipment	
Eye/Face Protection:	Safety glasses with side shields or goggles.
Skin and Body Protection:	Protective gloves and appropriate chemical resistant clothing.
Respiratory Protection:	If ventilation is insufficient, wear suitable respiratory equipment.
General Hygiene Considerations:	Avoid contact with skin, eyes and clothing. Wash after handling and before eating, drinking and smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Section 9: Physical and Chemical Properties

Physical State:	Liquid	Color:	Colorless
pH:	5.0± .5	Odor:	Non-Offensive
Boiling Point:	>212°F	Vapor Pressure: MM HG/20 DEG, C:	ND
Specific Gravity:	ND	Evaporation Rate: (Butyl Acetate = 1)	Slower than ethyl ether.
Solubility:	100% in water	Flash Point:	Non-flammable.

Section 10: Stability and Reactivity

Chemical Stability and Reactivity	Stable and non-reactive under normal conditions.
Possible Hazardous Reactions	No dangerous reactions known under normal conditions.
Conditions to Avoid	Extreme temperature and direct sunlight.
Incompatible Materials	Strong acids and bases, silicate containing material (glass, cement), metals.
Hazardous Decomposition Products	Hydrogen fluoride, ammonia, nitrogen oxide.

Section 11: Toxicological Information

Acute Toxicity				
Product/Ingredient Name	Result	Species	Dose	Exposure
No data available.				

Information on likely routes of exposure	
Product Information	
Inhalation:	Prolonged inhalation may irritate respiratory tract.
Eye Contact:	Causes serious eye damage.
Skin Contact:	Causes skin irritation and burns.
Ingestion:	Can cause burning of mouth and gastrointestinal tract.

Section 12: Ecological Information

Environmental Effects:	Toxic to aquatic life.
General Notes:	An environmental hazard cannot be excluded in the event of unprofessional handling or exposure.

Section 13: Disposal Considerations

Waste Information:	Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.
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Section 14: Transport Information

Regulatory Information	UN Number	Proper Shipping Name	Classes	PG*	Label
DOT Classification		Not regulated			
IMDG Class		Not regulated			

NOTE: DOT Classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

PG*: Packaging Group

Section 15: Regulatory Information

OSHA (29 CFR 1910.1001-1050)	Not listed.
CERCLA	Not listed.

Section 16: Other Information

	Health Hazards	Flammability	Physical Hazards	Personal Protection
HMIS	1	0	0	
NFPA	1	0	0	

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Disclaimer:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in text.