

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory-Form)

Form Approved

OMB No. 1218-0072

IDENTITY (As Used on Label and List) rustex	<i>Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.</i>
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Section I – Identity		NA = Not Applicable NIA = No Information Available	
Manufacturer's Name Dimond Chemical Co., Inc.	Emergency Telephone Number 1-800-535-5053		
Address (Number, Street, City, State, and ZIP Code) Union Ave. & Dubois St. East Rutherford, N.J. 07073	Telephone Number For Information 201-935-4300		
	Date Prepared		
Chemical Family Laundry sour	Signature of Preparer (optional)		

Section II – Hazardous Ingredients					
Chemical Identity; Common Name(s)	CAS #	OSHA PEL	ACGIH TLV	Other Limits	% (optional)
Ammonium hydrogen difluoride	1341-49-7		2.5 MG/M3 AS F		

Section III – Physical Data			
Boiling Point	NA	Specific Gravity (H ₂ O=1)	UK
Vapor Pressure (mm Hg.)	NA	Melting Point	NA
Vapor Density (AIR=1)	NA	Evaporation Rate (Butyl Acetate = 1)	NA
pH, 1%	NA	% Voatile	NA
Solubility In Water complete			
Appearance and Odor Clear green liquid, slight ammoniacal odor			

Section IV – Fire and Explosion Hazard Data			
Flash Point (Method Used) none	Flammable Limits	LEL NA	UEL NA
Extinguishing Media Non flammable			
Special Fire Fighting Procedures Use self contained breathing apparayus			
Unusual Fire and Explosion Hazards Toxic gases may be emmitted under fire conditions. Acid type resporstor may be required.			

Section V – Physical Hazards / Reactivity Data

Stability	Unstable		Conditions to avoid
	Stable	y	Strong alkali

Incompatibility (*Materials to Avoid*)

Strong alkali, ferrous materials

Hazardous Decomposition or Byproducts

Hydrofluoric acid

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	y	None

Section VI – Health Hazard Data

Routes(s) of Entry:	Inhalation?	Skin?	Ingestion?
	yes	yes	yes

Health Hazards (*Acute and Chronic*)

Acute contact may be irritating and corrosive to skin and eyes. May be fatal if ingested.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	No	no	no

Signs and Symptoms of Exposure

Acute contact may be irritating and corrosive to skin and eyes. May be fatal if ingested.

Medical Conditions Generally Aggravated by Exposure

Open wounds and sores. Respiratory ailments like emphysema

Section VII – First Aid Measures

1. Inhalation

remove to fresh air, call physician

2. Eyes

flush with water for 15 minutes, get medical attention

3. Skin

flush with water then wash with soap and water

4. Ingestion

Induce vomiting. drink large quantities of water. see a physician immediately

Section VIII – Preventive MeasuresRespiratory Protection (*Specify Type*)

None needed in normal use

Ventilation	Local Exhaust	Special
	Yes away from work area	None
	Mechanical (<i>General</i>)	Other
	NA	None

Protective Gloves

rubber, or plastic

Eye Protection

Splash proof goggles

Other Protective Clothing or Equipment

Rubber apron

Work/Hygienic Practices

Personal hygiene very important

Section IX – Special Precautions / Spill Leak Procedures

Spilled material should be neutralized with lime and flushed away with water

Waste Disposal Method

Observe all federal, state, and local regulations

Precautions to Be Taking in Handling and Storing

Store in dry area.

Other Precautions

Personal hygiene very important

Section X– Other Information