

CLEANING SUPPLY NETWORK
165 Chaseville Street Pensacola, FL 32507
MATERIAL SAFETY DATA SHEET

TRANSPORTATION EMERGENCY CALL CHEMTREC: 800-424-9300

ND-Not Determined NA-Not Applicable

SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT NAME:	Rust-Off	CAS NUMBER:	
PRODUCT TYPE:	Cleaner	CHEMICAL FAMILY:	Ammonium bi-fluoride
HEALTH=2 , FLAMMABILITY=0 , REACTIVITY=0 , SPECIAL=0		FORMULA:	NA

SECTION 2 - HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NUMBER</u>	<u>EXPOSURE LIMIT</u>
Ammonium bi-fluoride	1341-49-7	OSHA PEL not determined

SECTION 3 - PHYSICAL INFORMATION

PHYSICAL FORM:	Liquid	COLOR:	Clear
ODOR:	None	MOLECULAR WGT:	NA
pH:	2	BOILING POINT:	212F
MELTING POINT:	NA	FREEZING POINT:	NA
SOLUBILITY IN WATER:	Complete	SPECIFIC GRAVITY:	1.03
BULK DENSITY:	NA	VAPOR PRESSURE:	NA
EVAPORATION RATE:	Same as H2O	% VOLATILE BY VOLUME:	NA

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT:	NA	TEST CUP METHOD:	NA
FLAMMABLE:	No	COMBUSTIBLE:	No
UPPER EXPOSURE LIMIT:		LOWER EXPOSURE LIMIT:	
AUTO-IGNITION TEMP:	NA	EXTINGUISHING MEDIA:	CO2, foam, dry chemical
SPECIAL FIRE FIGHTING PROCEDURE:	None		
UNUSUAL FIRE AND EXPLOSION HAZARDS:	None		

SECTION 5 - HUMAN HEALTH DATA

PRIMARY ROUTES OF EXPOSURE: Eyes, Inhalation
SIGNS/SYMPTOMS OF OVEREXPOSURE: Irritation to eyes, skin, GI tract, respiratory tract
AGGRAVATION OF PRE-EXISTING CONDITIONS: not established
CARCINOGENICITY: None

SECTION 6 - REACTIVITY DATA

STABILITY:	Stable	DECOMPOSITION TEMP:	ND
CONDITIONS TO AVOID:		DECOMPOSITION PRODUCTS:	NH3, HF
INCOMPATIBILITIES:	Reacts with metals/glass, strong acids, alkalis		

SECTION 7 - FIRST AID PROCEDURES

INHALATION: Remove to fresh air. If breathing has stopped, artificial respiration should be started. Oxygen may be administered if available.
INGESTION: If swallowed, call a physician. Give two glasses of water. Do not induce vomiting.
SKIN CONTACT: In case of contact, wash skin with soap and water. Wash clothing before reusing.
EYE CONTACT: Immediately flush eyes with running water for 15 minutes. Call a physician.

SECTION 8 - SPECIAL PROTECTION RECOMMENDATIONS

EYE PROTECTION:	Protective glasses	VENTILATION:	Mechanical
SKIN PROTECTION:	Rubber gloves	OTHER PROTECTIVE CLOTHING/MEASURES:	Wear clothing covering arms & legs. Face shield & apron if splashing expected
PERSONAL RESPIRATORS:	NIOSH respirator		

SECTION 9 - SPILL AND LEAK PROCEDURES

SPILL/LEAK RESPONSE: Stop spill at source. Prevent run off. Mop, shovel, pump, and/or absorb with inert material and place in containers. Rinse remaining residue with excess water.
WASTE DISPOSAL: Dispose of in an approved waste facility according to Federal, State, and local regulations.

SECTION 10 - SPECIAL STORAGE AND HANDLING DATA

STORAGE TEMP:	MIN:	MAX:	AMBIENT:
HANDLING/STORAGE:	Store under ambient conditions and handle according to good manufacturing practices.		