



MATERIAL SAFETY DATA SHEET
M.S.D.S. Prepared to comply with O.S.H.A.
Hazard Communication Standard,
29 CFR 1910.1200

HAZARD RATING		
0 = Insignificant	Health	3
1 = Slight	Fire	0
2 = Moderate	Reactivity	0
3 = High		
4 = Extreme		

PROD NAME: **REFURBISH** Prod No.: 248 Date Revised: 2/2009

SECTION I: MANUFACTURER'S INFORMATION

Manufactured By: LAWTON BROS., INC.	EMERGENCY PHONE NO.: INFOTRAC 1-800-535-5053
Street Address: 2515 Dinneen Ave.	Information Phone No.: 1-407-291-2501
Mailing Address: P.O. Box 547635	Product Type: HARD SURFACE RESTORER
City/State/Zip Orlando, FL. 32854-7635	Formula Type: ACID FLUORIDES

SECTION II: HAZARDOUS INGREDIENT INFORMATION

HAZARDOUS COMPONENTS	C.A.S. REG NOS.	OSHA PEL	ACGIH TLV	WT.% MAX
AMMONIUM BIFLUORIDE	1341-49-7	2.5 mg per m ³	2.5 mg per m ³	15.00
PHOSPHORIC ACID	7664-38-2	1 mg per m ³	1 mg per m ³	3.00

HAZARDOUS COMPONENTS LISTED ARE SUBJECT TO REPORTING REQUIREMENTS OF SECTION 313 OF SARA TITLE III AND 40 CFR PART 372.

SECTION III: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: > 100°C	Evaporation Rate vs H ₂ O: NA	Viscosity: WATER THIN	Specific Gravity: 1.148
Freezing Point: < 0°C	Vapor Density vs Air: NA	Solubility in H ₂ O: COMPLETE	pH @ 25°C: 2.0 ± .5
Appearance and odor: WATER THIN CLEAR LIQUID WITH SLIGHT PUNGENT ACIDIC ODOR.			

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point (method used): NONFLAMMABLE	Flammable Limits	LEL	UEL
Extinguishing Media: MEDIA APPROPRIATE FOR SURROUNDING FIRE.			
Special Fire Fighting Procedure: USE NIOSH APPROVED SELF CONTAINED BREATHING APPARATUS OPERATED IN THE POSITIVE PRESSURE OR OTHER PRESSURE MODE.			
Unusual Fire & Explosion Hazards: FIRE RELEASES TOXIC HYDROGEN FLUORIDE GAS.			

SECTION V: REACTIVITY DATA

Stability: STABLE	Incompatibility: DO NOT MIX WITH ANY OTHER CHEMICALS NOT RECOMMENDED ON LABEL.
Hazardous Decomposition Products (thermal): POISONOUS HYDROGEN FLUORIDE GAS.	

SECTION VI: HEALTH HAZARDS, SIGNS OF OVEREXPOSURE OR ACCIDENTAL CONTACT

Eyes: CORROSIVE. CAUSES IRRITATION, REDNESS, PAIN AND MAY CAUSE PERMANENT TISSUE DAMAGE.
Skin: CORROSIVE. EXCESSIVE OR REPEATED EXPOSURE MAY CAUSE CALCIFICATION OF SKELETAL SYSTEM. MAY AGGRAVATE PREEXISTING DISORDERS OF KIDNEYS, RESPIRATORY TRACT OR CENTRAL NERVOUS SYSTEM.
Inhalation: CORROSIVE TO ALL INTERNAL BODY TISSUE. SYMPTOMS INCLUDE COUGHING, SORE THROAT, LUNG CONGESTION, RAPID BREATHING AND POSSIBLE NASAL PERFORATION.
Swallowing: TOXIC. CORROSIVE. OTHER SYMPTOMS SAME AS FOR INHALATION.
Carcinogenicity: THIS PRODUCT IS NOT A SUSPECTED CARCINOGEN BASED ON COMPONENT DATA.

SECTION VII: EMERGENCY FIRST AID PROCEDURES

Eyes: IMMEDIATELY FLUSH WITH COOL WATER FOR 15 MINUTES. GET IMMEDIATE MEDICAL HELP.
Skin: IMMEDIATELY WASH WITH SOAP AND WATER. WASH THOROUGHLY UNDER FINGERNAILS. APPLY LIQUID ANTACID SOLUTION. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.
Inhalation: FOR OVEREXPOSURE, REMOVE FROM AFFECTED AREA. GET IMMEDIATE MEDICAL HELP.
Swallowing: TAKE MILK OF MAGNESIA OR CALCIUM CARBONATE ANTACID WITH WATER. DO NOT INDUCE VOMITING. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.

SECTION VIII: PERSONAL PROTECTION INFORMATION

Protective Equipment: **IT IS RECOMMENDED TO WEAR RUBBER GLOVES AND PROTECTIVE EYEWEAR WHEN USING THIS OR ANY CHEMICAL CLEANING PRODUCT. IF SPRAY APPLYING, VENTILATION AND BREATHING PROTECTION IS RECOMMENDED.**

SECTION IX: SPILL OR LEAK PROCEDURES

If Spilled or Released: MOP UP OR USE ABSORBENT SWEEPING COMPOUND. PROPERLY CONTAIN WASTE.
Waste Disposal Method: DISPOSAL SHOULD BE IN ACCORDANCE WITH STATE AND FEDERAL WASTE DISPOSAL LAWS.

SECTION X: STORAGE AND HANDLING INFORMATION

STORE IN ORIGINAL CLOSED CONTAINER IN COOL AREA. KEEP OUT OF REACH OF CHILDREN.

SECTION XI: D.O.T. HAZARD CLASS AND SHIPPING NAME

Hazard Class: CORROSIVE POISON.
Proper Shipping Name: AMMONIUM HYDROGENDIFLUORIDE SOLUTION, 8, UN2817, II