

ABC CORPORATION

94-085 Leonui Street, Waipahu HI 96797; 808-671-2671

Ultimate Xtra

Universal Glass Stain Remover

**EMERGENCY
(24 HOURS) CALL
CHEMTREC
1-800-424-9300**

MATERIAL SAFETY DATA SHEET

NFPA Ratings
Health = 1
Flammability = 0
Reactivity = 0
Special Hazard = None

Key:
4 = Extreme
3 = High
2 = Moderate
1 = Slight
0 = Insignificant

Prepared 5/24/1999 – Rev 5/10/2000

SECTION 1: IDENTIFICATION

Product Name: Ultimate Xtra

Application: Universal Glass Stain Remover

Shipping Hazard ID No.: Corrosive Liquids, toxic, n.o.s. (contains ammonium hydrogen difluoride, phosphoric acid), 8, 6.1, UN2922, PGIII

COMPONENT INFORMATION

<u>Principal Hazard Components</u>	<u>CAS No.</u>	<u>Wt (%)</u>	<u>PEL/TLV</u>
Ammonium Bifluoride	1341-49-7	1-3	2.5/2.5 mg/m ³
Phosphoric acid	7664-38-2	0.5-2	1/1 mg/m ³
Silica (no respirable dust)	14808-60-7	<15	0.1 mg/m ³

SARA Title III Section 313 and 40 CFR Notification:

Phosphoric acid is regulated under SARA Title III (release reporting) and TSCA chemical inventory.

SECTION 2: PHYSICAL DATA

Boiling Point (F): >200F
Vapor Pressure (mm Hg): ND
Vapor Density (Air = 1): = ND
Percent Volatiles: <5
Evaporation Rate (Butylacetate =1): ND

Appearance:/Odor: Blue-green opaque liquid slurry/ mint fragrance
pH: 3-4
Specific Gravity (water = 1): 1.21
Solubility in Water: approx. 90%

SECTION 3: FIRE AND EXPLOSION HAZARD DATA

Flash Point (F): >200
Lower Explosive Limit: NE
Upper Explosive Limit: NE
Extinguishing Media: Use dry chemical, CO₂, synthetic foam or water. Type BC or ABC extinguishers.
Special Fire Fighting Procedures: Use self-contained breathing apparatus for maximum respiratory protection. Water may be used to cool containers if not ruptured or leaking.

Unusual Fire and Explosion Hazards: None.

SECTION 4: REACTIVITY DATA

Stability: Stable
Incompatibility: Alkali, ammonia, certain metals.
Hazardous Decomposition Products/Polymerization: Carbon dioxide, carbon monoxide, fluorides, hydrogen gas, hydrogen fluoride. Hazardous polymerization will not occur.

Conditions to avoid: Strong alkalis, oxidizing agents, excessive heat.
Reaction with common metals may generate hydrogen gas, a fire and explosion hazard.

SECTION 5: HEALTH HAZARD DATA

Effects of overexposure:

Eyes: Contact with eyes may cause corneal damage and blindness.

Skin: Corrosive to skin. May cause burns or dryness if allowed to remain on skin for prolonged periods.

Inhalation: May cause irritation of respiratory tract if inhaled for prolonged periods.

Ingestion: Ammonium bifluoride solution may be toxic. Will irritate gastrointestinal tract. Contact physician if ingested.

SECTION 6: FIRST AID

Eyes: Immediately flush eyes with large amounts of water for 15 minutes. Get immediate medical attention.

Skin: Flush contacted area with large amounts of water for 15minutes.
Inhalation: If inhaled for prolonged periods causes irritation, remove person to fresh air.

Ingestion: If swallowed, do not induce vomiting. If victim is conscious, give plenty of water to drink. Get immediate medical attention.

SECTION 7: SPECIAL PROTECTION INFORMATION

Respiratory Protection: Should not be necessary. However, if vapors, fumes or dust are present, use NIOSH/MSHA approved respirator.

Protective Gloves: Wear rubber gloves at all times.

Eye Protection: Where eye contact may be a problem, wear goggles.

SECTION 8 SPECIAL PRECAUTIONS & SPILL/LEAK PROCEDURES

Handling and Storage: Use good personal hygiene practice. Avoid contact with eyes, skin or clothing. Wash contaminated clothing and equipment before re-use.

Release or Spill: Before attempting clean-up refer to Hazard Data above. Use mop or wet vacuum to collect material for proper disposal. Rinse with plenty of water.

Waste Disposal: Dispose to conform with federal, state and local regulations.

The information on this data sheet represent our current data and best opinion as to proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this data sheet or which involves the product in combination with any other is the responsibility of the user.