



MATERIAL SAFETY DATA SHEET

SECTION 1 — MANUFACTURER'S NAME & ADDRESS

Product identifier: Expert Rust Remover

Product Number: 1043

Date Revised: April 1, 2009

Manufacturer's name and address: Refer to supplier

Supplier name and address:

ALBATROSS USA INC./EXPERT WORLDWIDE

36-41 36th Street
Long Island City, New York
United States
11106
718-392-6272

5439 San Fernando Road West
Los Angeles, California
United States
90039
818-543-5850

Emergency Telephone #: Chemtrec (Day or Night) 800-424-9300 (For Chemical Emergency: Spill, Leak, Fire, Exposure or Accident)

This Material Safety Data Sheet contains environmental, health and toxicology information for your employees. Please make sure this information is given to them. It also contains information to help you meet Community "Right To Know Laws." If you resell this product, this MSDS must be given to the buyer or the information incorporated in your MSDS.

This MSDS complies with 29 CFR 1910.1200 (The Hazard Communication Standard).

SECTION 2 — COMPONENTS

<u>CHEMICAL</u>	<u>C.A.S. #</u>
Phosphoric Acid	7664-38-2
Ammonium Bifluoride	1341-49-7
Water	

SECTION 3 — PHYSICAL DATA

Appearance: Clear liquid (Water-White)

Boiling Point: Undetermined

Vapor Pressure (mm Hg): Undetermined

Vapor Density (Air = 1): Undetermined

Solubility In Water: 100%

Phosphoric Acid TLV: 1.0 Mg/M₃

Ammonium Bifluoride: 2.4 Mg/M₃

Odor: Pungent

Specific Gravity (H₂O = 1): 1.050

Melting Point: NA

Evaporation Rate: Undetermined
(Butyl Acetate = 1)

SECTION 4 — HEALTH HAZARDS IDENTIFICATION

ACUTE HAZARDS:

Eyes: May cause permanent damage.

- Skin:** May cause severe burns which may not be immediately visible and pain may not be apparent.
- Ingestion:** May cause throat burns and severe swelling which can restrict breathing.
- Inhalation:** Concentrations of Fluoride vapors of 2MG/M3 or more, may cause damage to lungs, respiratory system and pulmonary edema.

SECTION 5 — FIRST AID

- *Eye Contact:** Immediately flush eye with plenty of cool water for 15 minutes. (Hold eyelids apart if necessary). Call a physician.
- *Skin Contact:** Immediately remove contaminated clothing, flushed exposed individual with large quantities of water (shower if available).
- *Swallowing: DO NOT INDUCE VOMITING!** Immediately drink large amounts of milk or water with added Milk of Magnesia.
- *Inhalation:** If vapour exposure has occurred, immediately remove victim from the source of exposure (preferably to fresh air).

SECTION 6 — FIRE FIGHTING AND CONTROL MEASURES

- Flammable Limits:** Not Applicable
- Flash Point (Test Method):** Not Applicable
- Extinguishing Media:** Water or Carbon Dioxide for fires.
- Special Fire Fighting Procedures:** No special procedures required.
- Unusual Fire and Explosion Hazards:** Not Applicable

RESPIRATORY PROTECTION:

Above 20 ppm of Fluoride vapors, wear OSHA permissible gas mask or cartridge.

VENTILATION:

Local exhaust is necessary.

PROTECTIVE EQUIPMENT:

Use eye protection (chemical splash goggles or a face shield). Protective PVC or Neoprene gloves and other protective clothing and or equipment such as aprons and footwear impervious to this material. (Consult your Safety Equipment Supplier).

NOTE: PLEASE PRACTICE GOOD PERSONAL HYGIENE IN THE WORK PLACE AND DURING WORK HOURS.

SECTION 7 — REACTIVITY DATA

Stability: Stable

Conditions to Avoid: Avoid contact with strong alkalis, metals or high temperatures.

Materials to Avoid: Strong alkalis, metals or other materials.

Hazardous Decomposition Products: Contact with metals can release potentially dangerous *Hydrogen Gas*. At decomposition emits highly corrosive *Fluoride fumes*.

Hazardous Polymerization: Will not occur.

SECTION 8 — HANDLING AND STORAGE PRECAUTIONS

- *Handling:** Do not get in eyes, on skin or on clothing. Do not breath vapors. Wash hands thoroughly after handling.
- *Spill or Release Procedures:** Cover area with Sodium Bicarbonate to neutralize the acid. Scoop up and dispose.
- *Waste Disposal Method:** Dispose of in accordance with Federal, State and Local Regulations.
- *Other Precautions:** *DO NOT USE IF PREGNANT!*

SECTION 9 — SHIPPING INFORMATION

DOT Proper Shipping Name: Corrosive Liquid, N.O.S., (Contains Phosphoric Acid & Ammonium Bifluoride), 8,UN 1760, PGIII, Limited Quantity.

=====

DISCLAIMER

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for confirmation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources, while the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control and therefore, users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling and disposal of the product. Users also assume all risks in regards to the publication, use of, or reliance upon, information contained herein. This information related only to the product designated herein, and does not relate to its use in combination with other material or process.