



# SAFETY DATA SHEET

## SECTION 1 — IDENTIFICATION

**Product identifier:** ALBA-RUST Expert® Rust Remover

**Product Number:** 1043

**Manufacturer's name and address:** Refer to supplier

**Supplier name and address:**

### ***ALBATROSS USA INC./EXPERT WORLDWIDE***

36-41 36<sup>th</sup> 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)

**IMPORTANT:** Read this MSDS before handling and disposing of this product. Pass this information on to employees, customer, and users of this product.

## SECTION 2 — HAZARDS IDENTIFICATION

**DANGER! CORROSIVE.**



### **Hazard Statement(s)**

H302 + H312 + H332 Harmful if swallowed, in contact with skin or if inhaled  
H315 Causes severe skin irritation.  
H319 Causes serious eye irritation.

### **Precautionary statement(s)**

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.  
P264 Wash skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

- P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove Contact lenses, if present and easy to do. Continue rinsing.
- P312 Call a POISON CENTER or doctor/ physician if you feel unwell.
- P322 Specific measures (see supplemental first aid instructions on this label).
- P330 Rinse mouth.
- P332 + P313 If skin irritation occurs: Get medical advice/ attention.
- P337 + P313 If eye irritation persists: Get medical advice/ attention.
- P362 Take off contaminated clothing and wash before reuse.
- P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for Extinction.
- P403 + P235 Store in a well-ventilated place. Keep cool.
- P501 Dispose of contents/ container to an approved waste disposal plant

Other hazards:

### **POTENTIAL HEALTH EFFECTS**

**PRIMARY ROUTES OF ENTRY:** Inhalation, Skin, Eye, Ingestion

**INHALATION:** Concentrations of Fluoride vapours of 2 mg/m<sup>3</sup> or more may cause damage to lungs, respiratory system and pulmonary edema.

**SKIN:** May cause severe burns.

**EYES:** May cause permanent damage.

**INGESTION:** May cause throat burns and swelling, which can restrict breathing.

CARCINOGEN LISTED BY – IARC (NO) NTP (NO) OSHA (NO) ACGIH (NO) OTHER (NO)

PRE-EXISTING MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE – Not Determined

## **SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS**

### **EXPOSURE GUIDELINES**

<b><u>Component</u></b>	<b><u>CAS No.</u></b>	<b><u>Weight %</u></b>	<b><u>LD50 of Ingredient (specify species and route)</u></b>	<b><u>LC50 of Ingredient (Specify species)</u></b>
Phosphoric Acid	7664-38-2	10 – 16	1530mg/kg Rat	850 mg/kg Rat
Ammonium Bifluoride	1341-49-7	12 – 18	245 mg/kg Rat	

## **SECTION 4 — FIRST AID MEASURES**

**SKIN:** Remove contaminated clothing, flush affected area with large amounts of water for at least 15 minutes. Seek medical assistance.

**EYES:** Immediately flush with large amounts of water for at least 15 minutes. Seek medical assistance.

**INHALATION:** Remove victim from contaminated area to fresh air. Give oxygen if needed. Seek medical assistance.

**INGESTION:** Do NOT induce vomiting unless directed by a physician. Seek medical assistance.

## SECTION 5 — FIRE FIGHTING MEASURES

**FLAMMABLE:** No                      **MEANS OF EXTINCTION:** N/A                      **FLASHPOINT:** N/A

**FLAMMABLE LIMITS IN AIR:** Lower explosive limit (LEL): N/A  
Upper explosive limit (UEL): N/A

**AUTOIGNITION TEMPERATURE:** N/A                      **EXPLOSION DATA:** N/A

**HAZARDOUS COMBUSTION PRODUCTS:** Reacts with metals to liberate flammable hydrogen gas. Above 20 ppm of Fluoride vapors, wear OSHA approved gas mask.

## SECTION 6 — ACCIDENTAL RELEASE MEASURES

### LEAK AND SPILL PROCEDURES:

**SMALL SPILL:** Dilute with small amount of water, neutralize with sodium carbonate and place in appropriate waste container if needed.

**LARGE SPILL:** Corrosive liquid, stop leak if without risk. Absorb with dry earth, or other non-combustible material and place in appropriate waste container. Neutralize with dilute sodium carbonate solution. Dike area to prevent run off, if needed. Call for assistance on disposal if needed.

## SECTION 7 — HANDLING AND STORAGE

**HANDLING PROCEDURES AND EQUIPMENT:** Do not get on skin, in eyes or on clothing. Do not breathe vapors. Wash hands thoroughly if exposed to liquid. Use in well ventilated area. If ingested, seek medical attention immediately.

**STORAGE REQUIREMENTS:** Store in cool, dry, well ventilated area. Keep container tightly closed. Should be stored in plastic drum as liquid will corrode steel drums.

## SECTION 8 — EXPOSURE CONTROLS/PERSONAL PROTECTION

**EXPOSURE LIMITS:** ACGIH TLV: 1 STEL: 3(mg/m<sup>3</sup>)  
OSHA PEL: 1 STEL: 3(mg/m<sup>3</sup>)

**SPECIFIC ENGINEERING CONTROLS:** Provide exhaust ventilation or other engineering controls to keep

airborne concentrations below threshold limits. Ensure eyewash and safety station are close to work stations.

**PERSONAL PROTECTIVE EQUIPMENT:** Gloves, Respirator, Eye, Footwear

**GLOVES:** PVC or Neoprene Gloves., **RESPIRATOR:** OSHA permissible gas/vapour, **EYES:** Splash Goggles. **BOOTS:** Rubber.

## SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

<b>PHYSICAL STATE:</b>		Liquid
<b>BOILING POINT:</b>		N/A
<b>SPECIFIC GRAVITY:</b>	1.050	
<b>VAPOR PRESSURE:</b>		Undetermined
<b>VAPOR DENSITY:</b>		Undetermined
<b>ODOR &amp; APPEARANCE :</b>		Clear, Pungent
<b>ODOR THRESHOLD (PPM) :</b>	N/A	
<b>EVAPORATION:</b>		N/A
<b>PH:</b>	< 2	
<b>FREEZING POINT:</b>		N/A
<b>SOLUBILITY IN WATER:</b>		100%

## SECTION 10 — STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** Yes

**INCOMPATIBILITY WITH OTHER SUBSTANCES:** Yes. Contact with metals and strong alkalis.

**REACTIVITY, AND UNDER WHAT CONDITIONS?** Under extreme heat, will react with metals to liberate flammable hydrogen gas.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Contact with metals can release potentially dangerous hydrogen gas. At decomposition, can emit highly corrosive fluoride fumes.

## SECTION 11 — TOXICOLOGICAL INFORMATION

**EFFECTS OF ACUTE EXPOSURE:**

SKIN – Corrosive, can cause severe skin irritation and skin burns.

EYES – Corrosive, liquid or vapour causes severe eye irritation and eye burns leading to permanent corneal damage.

INGESTION: Harmful if swallowed. Causes irritation and burns of the gastrointestinal tract.

**EFFECTS OF CHRONIC EXPOSURE:** May cause damage to blood, liver, skin, eyes and bone marrow.

**IRRITANCY OF PRODUCT:** Corrosive, causes redness and burns.

**SKIN SENSITIZATION:** Can occur.

**CARINOGENICITY:** IARC: No available. ACGIH: Not available.

**RESIRATORY SENSITIZATION:** Can occur.

**REPRODUCTIVE TOXICITY:** Unknown.

**EMBRYOTOXICITY:** Unknown.

## SECTION 12 — ECOLOGICAL INFORMATION

This blend has not undergone any ecological testing. There may be ecological information on the individual components.

## SECTION 13 — DISPOSAL CONSIDERATIONS

Recover or recycle if possible. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with applicable regulations. Do not dispose into the environment, in drains or in water courses.

Dispose in accordance with applicable national, regional and local laws and regulations.

## SECTION 14 — TRANSPORT INFORMATION

**United States (domestic) Ground Shipping:** This material may be shipped as a LIMITED QUANTITY, as per 49 CFR.173.154. Each inner container does not exceed the maximum 1 liter capacity.

**International Shipping or other forms (non-ground) of domestic shipping:**

UN NO. 1760

Packing Group III

Hazard Class: Corrosive 8

Proper Shipping Name: Corrosive Liquid, N.O.S., (Contains Phosphoric Acid Ammonium Bifluoride)

## SECTION 15 — REGULATORY INFORMATION

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

WHMIS: Class E, Corrosive

Classification EU: Corrosive, R34, based on  $\text{PH} < 2$

The chemicals in this product are listed on the US TSCA Chemical Substances Inventory, the Canadian Domestic Substances List and European EINECS.

## SECTION 16 — OTHER INFORMATION

NFPA CLASSIFICATION

HEALTH – 3

FIRE – 0

REACTIVITY – 0

HMIS CLASSIFICATION

HEALTH – 3                      FLAMMABILITY -0                      PHYSICAL HAZARD – 0  
PERSONAL PROTECTION: H

HAZARD RATING – 0 = LEAST, 1=SLIGHT, 2=MODERATE, 3=HIGH, 4=EXTREME

H – SAFETY GOGGLES OR FACE SHIELD, GLOVES, PROTECTIVE APRON AND VAPOR RESPIRATOR.

Prepared By: Albatross U.S.A., Inc.

Preparation Date: April 1, 2009

Revision Date: June 22, 2015

Revision Changes: Sections changed to GHS Format. Transport information updated.

**DISCLAIMER:**

The information contained herein is accurate to the best of our knowledge. We do not suggest or guarantee that any hazards listed herein are the only ones which exist. Albatross USA, Inc. makes no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances. Effects can be aggravated by other materials and/or this material may aggravate or add to the effects of other materials. This material may be released from gas, liquid, or solid materials made directly or indirectly from it. User has the sole responsibility to determine the suitability of the materials for any use and the manner of use contemplated. User must meet all applicable safety and health standards.