



# MATERIAL SAFETY DATA SHEET

HMIS Ratings	
Health	4
Flammability	0
Reactivity	0
Protection	X

## Chemical Product and Company Identification

**Manufacturer Information** Blue Ribbon Products, Inc.  
7687 Winton Drive, Bldg 130  
Indianapolis, IN 46268

**Phone** (317) 972-7970 \* (888) 274-2266

**Emergency Phone** CHEMTREC  
1-800-424-9300  
FOR INTERNATIONAL CALLS  
(703) 527-3887

**Date Modified** 3/17/04

**Supersedes** 3/17/03

**Product Identity** Water Spot Remover

**Product Use** Automotive Reconditioning Product

**Version #** 1.1

**CAS #** Mixture

## Composition / Information on Ingredients

Ingredient Name	CAS Number	Wgt. %	PEL-OSHA	Exposure Limits	
				TLV-ACGIH	Carcinogen
PHOSPHORIC ACID	7664-38-2	15 – 40	1mg/m3 TWA	1mg/m3TWA	No
ETHANOL,2-BUTOXY-	111-76-2	1 – 5	25ppm TWA; 120mg/m3TWA	20ppm TWA	No
HYDROFLUORIC ACID	7664-39-3	0.5 – 1.5	3ppmTWA as F		No
Non-hazardous and other ingredients below reportable levels	Proprietary	68.5	N/AP	N/AP	N/AP

## Hazards Identification

### Potential Health Effects

**Skin** Causes severe necrosis to tissue (like hydrofluoric acid). Calcium and magnesium ions found in tissue will be captured.

**Eyes** This product causes eye burns.

**Inhalation** This product is severely irritating to the respiratory system. This product may be fatal if it is inhaled.

**Ingestion** This product may produce corrosive damage to the gastrointestinal tract if it is swallowed.

### **Hazard Statements**

CORROSIVE

DANGER--POISON

## **First Aid Measures**

### **First Aid**

**Skin** For skin contact flush with large amounts of water while removing contaminated clothing. If irritation persists, repeat flushing and get medical attention. Discard any shoes or clothing items that cannot be decontaminated.

**Eyes** In case of contact, immediately flush eyes with large amounts of water, continuing to flush for 15 minutes. Get medical attention or advice.

**Inhalation** If inhaled, immediately remove the affected person to fresh air. If the affected person is not breathing, apply artificial respiration. Seek medical attention.

**Ingestion** If material is ingested, immediately contact a physician or poison control center. Give several glasses of water. Do not induce vomiting.

## **Fire Fighting Measures**

### **Hazardous Combustion Products**

Irritating and toxic gases or fumes may be released during a fire.

### **Extinguishing Media**

Use methods for the surrounding fire.

### **General Fire Hazards**

This product is an aqueous mixture which will not burn. If evaporated to dryness, the solid residue may pose a slight fire hazard.

### **Fire Fighting Equipment/Instructions**

Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.

**Flash Point** N/AP

**Flammability Limits in Air, Lower, % by Volume** N/AP

**Flammability Limits in Air, Upper, % by Volume** N/AP

## **Accidental Release Measures**

### **Containment Procedures**

Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible.

### **Clean-Up Procedures**

Absorb spill with inert material. Shovel material into appropriate container for disposal.

## **Handling and Storage**

### **Handling Procedures**

Avoid contact with skin and eyes. Wash thoroughly after handling. Do not breathe fumes or dust from this material.

### **Storage Procedures**

Keep the container tightly closed and in a cool, well-ventilated place.

## **Exposure Controls / Personal Protection**

### **Engineering Controls**

Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

### **Personal Protective Equipment**

#### **Eyes/Face**

Wear chemical goggles; face shield (if splashing is possible).

#### **Skin**

Use impervious gloves. Use of impervious apron and boots are recommended.

#### **Respiratory**

If ventilation is not sufficient to effectively prevent buildup of vapor/mist/fume/dust, appropriate NIOSH/MSHA respiratory protection must be provided.

#### **General**

Use good hygiene practices when handling this material, including changing and laundering work clothes after use. Discard contaminated shoes and leather goods. Eyewash fountains and emergency showers are required.

## **Physical & Chemical Properties**

<b>Boiling Point</b>	212 F
<b>Specific Gravity</b>	1.18
<b>Vapor Pressure</b>	<20mm/Hg
<b>Vapor Density</b>	>1
<b>pH</b>	<1
<b>Freezing Point</b>	32 F

## **Chemical Stability & Reactivity Information**

### **Chemical Stability**

Stable under normal conditions.

### **Hazardous Decomposition**

Irritating and/or toxic fumes and gases may be emitted upon the products decomposition.

### **Hazardous Polymerization**

Will not occur.

### **Incompatibility**

This product may react with oxidizing agents. This product may react with reducing agents. This product may react with strong alkalis.

## Toxicological Information

### Toxicological Information

No data available for this product.

## Ecological Information

### Ecological Information

No data available for this product.

## Disposal Considerations

### Disposal Instructions

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

## Transportation Information

**US DOT HMR Information** Corrosive liquids, toxic, n.o.s.(Hydrofluoric Acid, Phosphoric Acid)

**Proper Shipping Name** UN2922 **Packaging Group** II

**Identification Number** 8

**Hazard Class**

## Regulatory Information

**US Federal Regulations**

## Other Information

### Disclaimer

NOTICE: The information presented herein is based on data considered to be accurate as of the date of preparation of this Material Safety Data Sheet. However, MSDS may not be used as a commercial specification sheet of manufacturer or seller, and no warranty or representation, expressed or implied, is made as to the accuracy or comprehensiveness of the foregoing data and safety information, nor is any authorization given or implied to practice any patented invention without a license. In addition, no responsibility can be assumed by vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.

**Prepared By** Technical Department

**Issue Date** 1/17/2008