



MATERIAL SAFETY DATA SHEET

HMIS Ratings	
Health	3
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

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Date Modified 10/01/04

Supercedes 09/21/01

Product Identity Red Rage

Product Use Automotive Reconditioning Product

Composition / Information on Ingredients

Ingredient Name	CAS Number	Wgt. %	PEL-OSHA	Exposure Limits	
				TLV-ACGIH	Carcinogen
ETHANOL, 2-BUTOXY-	111-76-2	0.86%	25 ppm	20 ppm	No
TRIPHOSPHORIC ACID, PENTASODIUM SALT	7758-29-4	1.90%			No
SODIUM HYDROXIDE (NA(OH))	1310-73-2	4.28%			No
Non-hazardous and other ingredients Ingredients below reportable levels	Proprietary	93%	N/AP	N/AP	N/AP

Hazards Identification

Potential Health Effects

Skin This product is severely irritating to the skin and may cause burns.

Eyes Contact with liquid may produce severe eye irritation, causing severe conjunctiva irritation, corneal defects and possibly permanent loss of vision.

Inhalation Inhalation of vapors or mists of the product may be irritating to the respiratory system.

Ingestion Ingestion may produce burns to the lips, oral cavity, upper airway, esophagus and possibly the digestive tract.

Hazard Statements
CORROSIVE.

First Aid Measures

First Aid

Skin	For skin contact flush with large amounts of water while removing contaminated clothing. If irritation persists, get medical attention.
Eyes	Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Seek medical attention at once.
Inhalation	Move person to non-contaminated air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen.
Ingestion	If the material is swallowed, get immediate medical attention or advice – Give several glasses of water or milk.

Fire Fighting Measures

Hazardous Combustion Products

Carbon monoxide, carbon dioxide and other hydrocarbon fragments.

Extinguishing Media

Use any media suitable for the surrounding fires.

General Fire Hazards

Not a 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

Accidental Release Measures

Containment Procedures

Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb with inert absorbent such as dry clay, sand or diatomaceous earth, commercial sorbents, or recover using pumps.

Clean-Up Procedures

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

Handling and Storage

Handling Procedures

Avoid prolonged or repeated skin contact with this material.

Storage Procedures

Keep the container tightly closed. Do not freeze. Do not store, incinerate, or heat this material above 120 degrees Fahrenheit.

Exposure Controls / Personal Protection

Engineering Controls

Use local exhaust ventilation.

Personal Protective Equipment

Eyes/Face

Wear chemical goggles.

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.

Physical & Chemical Properties

Boiling Point	212 F
Specific Gravity	1.04
Vapor Pressure	< 20 mm/Hg
Evaporation Rate	Slower than ether
Vapor Density	> 1
Solubility (H₂O)	Soluble
pH	12
Freezing Point	32 F

Chemical Stability & Reactivity Information

Chemical Stability

This is a stable material.

Hazardous Decomposition

Hazardous combustion products may include carbon monoxide, carbon dioxide and hydrocarbon fragments.

Hazardous Polymerization

Will not occur.

Incompatibility

This product may react with strong oxidizing agents. This product may react with strong acids.

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

Proper Shipping Name	Caustic alkali liquids, N.O.S. (Sodium Hydroxide)
Identification Number	UN1719
Packaging Group	III
Hazard Class	8

Regulatory Information

US Federal Regulations

CERCLA/SARA – Section 313 – Emission Reporting

ETHANOL, 2-BUTOXY-

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