



# MATERIAL SAFETY DATA SHEET

HMIS Ratings	
Health	1
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  
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(703) 527-3887

**Date Modified** 10/01/04

**Product Identity** Glacier

**Product Use** Automotive Reconditioning Product

## Composition / Information on Ingredients

Ingredient Name	CAS Number	Wgt.%	PEL-OSHA	Exposure Limits	
				TLV-ACGIH	Carcinogen
1,2,3-PROPANETRIOL	56-81-5	1-5	10 mg/m3	10 mg/m3	No
Non-hazardous and other					
Ingredients below reportable levels	Proprietary	97	N/AP	N/AP	N/AP

## Hazards Identification

### Potential Health Effects

**Skin** This product may cause irritation to the skin.

**Eyes** This product may cause irritation to the eyes.

**Inhalation** This product may cause slight irritation to the respiratory system.

**Ingestion** Ingestion of this product may cause nausea, vomiting and diarrhea.

### Hazard Statements

CAUTION: EYE AND SKIN IRRITANT.

## First Aid Measures

### First Aid

<b>Skin</b>	Wash affected area with mild soap and water. If irritation persists, get medical attention.
<b>Eyes</b>	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If irritation persists get medical attention.
<b>Inhalation</b>	If gas/fume/vapor/dust/mist from the material is inhaled, remove the affected person immediately to fresh air. If symptoms persist, get medical attention.
<b>Ingestion</b>	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 and carbon dioxide.

### Extinguishing Media

Dry chemical (preferred), alcohol foam, water.

### General Fire Hazards

Not a fire hazard.

### Fire fighting Equipment/Instructions

Firefighters should wear full protective gear.

**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.

### Clean-Up Procedures

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

## Handling and Storage

### Storage Procedures

Do not freeze.

## Exposure Controls / Personal Protection

### Personal Protective Equipment

#### Eyes/Face

None normally required; chemical goggles if splashing or high-pressure system is used.

#### Skin

Recommended gloves include rubber, neoprene, nitrile or viton.

## Respiratory

If ventilation is not sufficient to effectively prevent buildup of aerosols or mists, appropriate NIOSH/MSHA respiratory protection must be provided.

## Physical & Chemical Properties

<b>Boiling Point</b>	> 212 F
<b>Vapor Pressure</b>	< 20 mm/Hg
<b>Vapor Density</b>	> 1
<b>Solubility (H<sub>2</sub>O)</b>	Miscible
<b>Freezing Point</b>	32 F

## Chemical Stability & Reactivity Information

### Chemical Stability

This is a stable material.

### Hazardous Decomposition

At thermal decomposition temperatures, carbon monoxide and carbon dioxide.

### Hazardous Polymerization

Will not occur.

### Incompatibility

This product may react with strong oxidizing agents.

## Toxicological Information

### Toxicological Information

No data available for this product.

### Teratogenicity

No data available for this product.

## Ecological Information

### Ecological Information

No data available for this product.

### Environmental Effects

Based on the physical properties of this product, significant environmental persistence and bioaccumulation would not be expected.

## Disposal Considerations

### Disposal Instructions

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

## Transportation Information

### General

This product is not regulated as a hazardous material by the United States (DOT) or Canadian (TDG) transportation regulations.

## Regulatory Information

## 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

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