



# MATERIAL SAFETY DATA SHEET

HMIS Ratings	
Health	1
Flammability	1
Reactivity	0
Protection	B

## 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** 10/01/04

**Supercedes** 01/10/00

**Product Identity** Heavy Duty Glass Cleaner

## Composition / Information on Ingredients

Ingredient Name	CAS Number	Wgt.%	PEL-OSHA	Exposure Limits	
				TLV-ACGIH	Carcinogen
ISOPROPANOL	67-63-0		500 ppm	400 ppm	No
ISOBUTANE/PROPANE BLEND	75-28-5		800 ppm	800 ppm	No
	74-98-6		1000 ppm	1000 ppm	No

## Hazards Identification

### Potential Health Effects

**Skin** Slight irritation.

**Eyes** Slight irritation.

**Inhalation** Excessive inhalation of vapors can be harmful & may cause headache, dizziness, asphyxia, anesthetic effects & possible unconsciousness.

**Ingestion** Possible chemical pneumonitis if aspirated into the lungs.

### Medical Conditions Generally Aggravated by Exposure

May aggravate existing eye, skin, or upper respiratory conditions.

## First Aid Measures

### First Aid

**Skin** Wash with soap and water. If irritated, seek medical attention.

<b>Eyes</b>	Flush with water for 15 minutes. If irritated, seek medical attention.
<b>Inhalation</b>	Remove to fresh air. Resuscitate if necessary. Get medical attention.
<b>Ingestion</b>	DO NOT INDUCE VOMITING. Drink two large glasses of water. Get immediate medical attention.

## Fire Fighting Measures

<b>Flammability as per USA Flam Projection Test (aerosols):</b>	Non-Flammable
<b>Auto Ignition Temperature</b>	N/E
<b>Flammability Limits in Air, Lower, % by Volume</b>	N/E
<b>Flammability Limits in Air, Upper, % by Volume</b>	N/E
<b>Flash Point and Method Used (non-aerosols)</b>	N/A
<b>Extinguisher Media</b>	Foam, dry chemical, carbon dioxide
<b>Special Fire Fighting Procedures</b>	Self-contained breathing apparatus
<b>Unusual Fire &amp; explosion Hazards</b>	Do not expose aerosols to temperatures above 130 F or the container may rupture.

## Accidental Release Measures

### Steps To Be Taken If Material is Spilled or Released:

Flush to sewer with water.

### Waste Disposal Methods:

Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.

### Precautions To Be Taken In Handling & Storage:

Do not puncture or incinerate containers. Do not store at temperatures above 130 F

### Other Precautions And/Or Special Hazards:

KEEP OUT OF REACH OF CHILDREN. Avoid food contamination. Avoid breathing vapors.

## Exposure Controls / Personal Protection

### Personal Protective Equipment

#### Respiratory Protection (specify type)

If vapor concentration exceeds TLV, use respirator approved by NIOSH to be used in a positive pressure mode.

#### Protective Gloves

Disposable latex gloves suggested.

#### Eye Protection

Safety glasses recommended.

#### Ventilation Requirements

Adequate ventilation to keep vapor concentration below TLV.

### **Other Protective Clothing & Equipment**

None

### **Hygienic Work Practices**

Wash with soap and water before handling food. Remove contaminated clothing.

## **Physical & Chemical Properties**

<b>Boiling Point</b>	N/A
<b>Specific Gravity</b>	0.99
<b>Vapor Pressure</b>	PSIG @ 70 F (Aerosols): Max. 60
<b>Evaporation Rate</b>	N/E
<b>Vapor Density</b>	N/E
<b>Solubility (H<sub>2</sub>O)</b>	Soluble

## **Chemical Stability & Reactivity Information**

### **Chemical Stability**

This is a stable material.

### **Hazardous Decomposition**

Carbon monoxide, carbon dioxide

### **Hazardous Polymerization**

Will not occur.

### **Incompatibility**

This product may react with strong oxidizing agents.

### **Conditions to Avoid**

Open flame, welding arcs, heat, sparks.

## **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

**DOT Hazard Classification:** ORM-D

**Identity:** Heavy Duty Glass Cleaner

## 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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