



# 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

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

**Date Prepared** 01/10/04

**Supersedes** 05/17/95

**Product Identity** Bio-Green All Purpose Cleaner

## Composition / Information on Ingredients

Components – Chemical Names <small>(Hazardous Components 1% or greater; Carcinogens 0.1% or greater)</small>	CAS Number	SARA III List	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
MONOCYCLIC TERPENE	5989-27-5	No	N/E	N/E	d
NONYL PHENOL					
ETHOXYLATE BLEND	9016-45-9	No	N/E	N/E	d
ISOBUTANE/PROPANE BLEND	75-28-5	No	800	800	d
	74-98-6	No	1000	1000	d
DIPROPYLENE GLYCOL					
MONOMETHYL ETHER	24590-94-8	No	100	150	d

## Physical / Chemical Characteristics

**Boiling Point** N/A

**Specific Gravity (H2O=1)** Concentrate Only = 0.958

**Vapor Pressure** PSIG @ 70 F (Aerosols) Max. 60

**Vapor Pressure (Non-Aerosols) (mmHg and Temperature)** N/A

**Solubility In Water** Soluble

**Water Reactive** No

**Appearance and Odor** White foam, citrus fragrance

## Fire & Explosion Hazard Data

<b>Flammability as per USA Flam Projection Test (Aerosols)</b>	Non-Flammable
<b>Auto Ignition Temperature</b>	N/E
<b>Flammability Limits in Air by % in Volume</b>	%LEL N/E    %UEL N/E
<b>Flash Point &amp; Method Used (Non-Aerosols)</b>	N/A
<b>Special Fire Fighting Procedures</b>	Self-contained breathing apparatus
<b>Extinguisher Media</b>	Foam, Dry Chemical, Carbon Dioxide, Water
<b>Unusual Fire &amp; Explosion Hazards</b>	Do not expose aerosols to temperatures above 130 F or the container may rupture.

## Reactivity Hazard Data

<b>Stability</b>	Stabile
<b>Hazardous Polymerization</b>	Will Not Occur
<b>Incompatibility (Materials To Avoid)</b>	Strong Oxidizers
<b>Conditions To Avoid</b>	Open flame, welding arcs, heat
<b>Hazardous Decomposition Products</b>	Carbon monoxide, carbon dioxide

## Health Hazard Data

<b>Primary Routes of Entry</b>	Inhalation, Skin Absorption
<b>Acute Effects</b>	Inhalation – Excessive inhalation of vapors can be harmful and may cause headache, dizziness, asphyxia, anesthetic effects and possible unconsciousness. Eye Contact – Slight irritation Skin Contact – Slight irritation Ingestion – Possible chemical pneumonitis if aspirated into lungs. Nausea.
<b>Chronic Effects</b>	Headache, dizziness, nausea, possible unconsciousness if vapor concentration exceeds TLV.
<b>Medical Conditions Generally Aggravated by Exposure</b>	May aggravate existing eye, skin, or upper respiratory conditions.

## Emergency First Aid Procedures

<b>Eye Contact</b>	Flush with water for 15 minutes. If irritated, seek medical attention.
<b>Skin Contact</b>	Wash with soap and water. 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.

## Control & Protective Measures

<b>Respiratory Protection (Specify Type)</b>	If vapor concentration exceeds TLV, use respirator approved by NIOSH to be used in positive pressure mode.
<b>Protective Gloves</b>	Disposable latex gloves suggested.
<b>Eye Protection</b>	Safety glasses recommended.
<b>Ventilation Requirements</b>	Adequate ventilation to keep vapor concentration below TLV
<b>Other Protective Clothing &amp; Equipment</b>	None
<b>Hygienic Work Practices</b>	Wash with soap and water before handling food. Remove contaminated clothing.

## Precautions For Safe Handling & Use

### 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 &/or Special Hazards

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

## Regulatory Information

**DOT Hazard Classification:** ORM-D

**Identity:** Bio-Green All Purpose Cleaner

## 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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