



# MATERIAL SAFETY DATA SHEET

HMIS Ratings	
Health	1
Flammability	2
Reactivity	0
Protection	X

## Chemical Product and Company Identification

<b>Manufacturer Information</b>	Blue Ribbon Products, Inc. 7687 Winton Drive, Bldg. 130 Indianapolis, IN 46268
<b>Phone</b>	(317) 972-7970 * (888) 274-2266
<b>Emergency Phone</b>	CHEMTREC 1-800-424-9300 FOR INTERNATIONAL CALLS (703) 527-3887
<b>Date Modified</b>	10/01/04
<b>Supersedes</b>	01/10/01
<b>Product Identity</b>	EZ One Protectant Gel
<b>Product Use</b>	Automotive Reconditioning Product

## Composition / Information on Ingredients

### Contains

Petroleum Distillate Solvents (CAS# 64742-48-9), Water (CAS# 7732-18-5), Silicone Fluids (CAS# 63148-62-9), Emulsifiers (CAS# 9016-45-9, 9036-19-5, 26027-38-3), Glycols (CAS# 56-81-5, 57-55-6), Fluorocarbon Resins (CAS# Mixture, NA), Carnauba Wax (CAS# 8015-86-9), Microcrystalline Wax (CAS# 64742-43-4), Antioxidants (CAS# 123-28-4), U.V. Light Absorbers (CAS# Mixture, NA), Biocides (CAS# Mixture, NA)

The precise composition of this product mixture is confidential proprietary information. A more detailed disclosure will be provided by us to qualified medical or industrial hygiene personnel as privileged information upon request in case of emergency or need for specific treatment. This Material Safety Data Sheet (MSDS) has been prepared in compliance with the Federal OSHA hazard communication standard 29CFR1910.1200. This product is considered nonhazardous under that standard.

### Warning

Contains 60% - 65% Petroleum distillates (CAS# 64742-48-9, 64742-88-7)

## Hazards Identification

### Potential Health Effects

<b>Skin</b>	May cause mild skin irritation. Prolonged or repeated contact may cause dermatitis, redness, burning, drying, fatting, and cracking of the skin.
<b>Eyes</b>	May cause eye irritation. Direct contact with liquid may cause stinging, tearing, and redness.

- Inhalation** This material is expected to have a low degree of toxicity by inhalation. Breathing high concentrations of vapors or mists may cause irritation of the nose and throat and signs of nervous system depression (e.g. headache, nausea, drowsiness, dizziness, fatigue, visual impairment, difficulty breathing, and loss of coordination. Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal. Repeated and prolonged overexposure to oil mists may result in droplet deposition, oil granuloma formation, inflammation, and increased incidence of infection.
- Ingestion** While this product has a low degree of toxicity, ingestion of excessive quantities may cause irritation of the digestive tract and signs of nervous system depression (e.g. headache, nausea, drowsiness, dizziness, fatigue, visual impairment, difficulty breathing, and loss of coordination). **ASPIRATION HAZARD:** This material can enter lungs during swallowing or vomiting and cause lung inflammation and damage.

## First Aid Measures

### First Aid

- Skin** Clean affected areas with mild soap and water. Remove contaminated clothing, including shoes, and launder before reuse or discard.
- Eyes** If irritation or redness due to vapors develops, move victim away from exposure and into fresh air. If splashed into the eyes, flush eyes immediately with clean water for at least 15 minutes. If available, use eye cups or eye wash fountain. If symptoms persist, get medical attention.
- Inhalation** If respiratory symptoms develop, move victim away from source of exposure and into fresh air. If symptoms persist, get medical attention. If victim is not breathing immediately begin artificial respiration. If breathing is difficult, qualified personnel should administer oxygen. Get medical attention.
- Ingestion** DO NOT induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. If victim is drowsy or unconscious, place on left side with head down. If possible, do not leave victim unattended. Get medical attention immediately.

## Fire Fighting Measures

**Flash Point** 146° F

**Flammable Limits in Air, % by Volume**      **Lower:** 0.9%      **Upper:** 7.0%

**Autoignition Temperature:** > 410 F (210 C)

### Handling Precautions

This liquid is combustible, volatile, and gives off invisible vapors. Either the liquid or vapor may settle in low areas or travel some distance along the ground or surface to ignition sources where they may ignite or explode. Keep product away from ignition sources such as heat, sparks, pilot lights, static electricity, and open flames. Exposure to excessive heat, extreme temperatures and fire can build up pressure in closed containers and may cause bursting or exploding. "Empty" containers retain liquid and/or vapor residue and can be dangerous. DO NOT pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to sources of ignition. They may explode causing injury or death.

### Extinguishing Media and Fire Fighting Procedures

Foam, water spray, dry chemical, carbon dioxide, and halon extinguishing agents may all be suitable for extinguishing fires involving this type of product, depending on size or potential size of fire and circumstances related to the situation. Stop spill/release and move undamaged containers from fire area if it can be done without risk. Water spray may be useful in minimizing or dispersing vapors and cooling equipment exposed to heat and flame. Avoid spreading burning liquid with water used for cooling.

### Decomposition Products Under Fire Conditions

Fumes, smoke, carbon monoxide/dioxide, sulfur oxides, aldehydes, and nitrogen oxides. Wear appropriate protective equipment including self contained breathing apparatus.

## Accidental Release Measures

### Spill On Land

Floor may be slippery; use caution to avoid falling. For small spills implement the following cleanup procedures: Eliminate sources of ignition. Prevent additional discharge of material, if possible to do so without risk. Minimize breathing of vapors. Minimize skin contact. Ventilate confined spaces. Prevent liquid from entering sewers, watercourses, or low areas. Contain spilled liquid with sand or earth. Do not use combustible materials such as sawdust. Recover by pumping (use an explosion proof pump or hand pump) or with a suitable absorbent. Observe precautions for volatile, combustible vapors from absorbed material. For large spills implement the preceding cleanup procedures and, if in public area, keep public away and advise authorities. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

### Spill On Water

Eliminate sources of ignition. Warn occupants and shipping in surrounding and downwind areas of fire and explosion hazard and request all to stay clear. Remove from surface by skimming or with suitable absorbents. If spill happens in non-confined waters material may be permitted to dissipate if allowed by local authorities and environmental agencies. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

## Handling and Storage

### Electrostatic Accumulation Hazard

Yes, use proper grounding procedures.

**Storage Temperature** Ambient

**Loading/Unloading Temperature**

Ambient

**Storage/Transport Pressure** Atmospheric

**Loading/Unloading Viscosity**

1100 cP. Typical

### Storage and Handling

Keep container closed. Handle and open containers with care. Store in a cool, well-ventilated place away from incompatible materials. DO NOT handle or store near an open flame, heat, or other source of ignition. Protect material from direct sunlight. Material will accumulate static charges which may cause an electrical spark. Use proper grounding procedures. DO NOT pressurize, cut, heat, or weld containers. DO NOT reuse containers without commercial cleaning or reconditioning.

## Exposure Controls / Personal Protection

### Exposure Controls

The use of local exhaust ventilation is recommended to control process emissions near the source. Laboratory samples should be stored and handled in a lab hood. Provide mechanical ventilation of confined spaces. Use explosion proof equipment.

### Personal Protection

For open systems where contact is likely, wear long sleeves, chemical resistant gloves, and chemical goggles. Where contact may occur, wear safety glasses with side shields. Although normally not necessary, where concentrations in air may exceed TLV/PEL exposure limits, use appropriate respiratory protection. It is recommended that a source of clean water, eye wash cups or fountain be available in the work area for flushig eyes and skin.

### OSHA/ACGIH Exposure Limits

Where fumes or vapors may be generated control exposures to a TLV/PEL of 100 ppm for Petroleum Distillate Solvents (CAS# 64742-48-9, 64742-88-7).

## Physcial & Chemical Properties

**Boiling Point** 212 F (100 C)

<b>Specific Gravity</b>	0.831 typical @ 77 F (25 C)
<b>Vapor Pressure</b>	< 5 mm/Hg @ 77 F (25 C)
<b>Vapor Density</b>	4.6 (Air = 1)
<b>Solubility (H<sub>2</sub>O)</b>	Solvent/Water Emulsion
<b>Evaporation Rate</b>	< 0.04 (n-BuAc=1)
<b>Freezing/Melting Point</b>	< 26 F (-3 C)

## Chemical Stability & Reactivity Information

### Chemical Stability

Stable under normal conditions of storage and handling.

### Conditions To Avoid Instability

Avoid all possible sources of ignition.

### Hazardous Polymerization

Will not occur.

### Conditions To Avoid Hazardous Polymerization

None

### Materials and Conditions To Avoid Incompatibility

Incompatible with strong acids or bases, oxidizing agents, nitrites and selected amines.

### Hazardous Decomposition Products

Combustion or thermal decomposition may yield irritating or toxic fumes, carbon monoxide/dioxide, aldehydes, nitrogen oxides, and minor amounts of incomplete combustion of various hydrocarbons.

## Toxicological Information

### Toxicological Information

No specific toxicological data are available for this product.

## Ecological Information

### Ecological Information

No specific ecological data are available for this product.

## 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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