

**NON-HAZARDOUS**

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*MATERIAL SAFETY DATA SHEET*

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ARTICLE PREFACE

This product, under normal use and conditions, is considered an "Article" under the Occupational Health and Safety Administration's Hazard Communication Standard (29CFR 1910.1200c). Based upon the company's hazards assessment, knowledge of the product and uses, **this product does not pose a physical or health hazard to employees and or end users**. Consequently there is no regulatory requirement to develop an MSDS with respect to this product. This non-hazardous MSDS is being provided solely because certain end users require a MSDS regardless of the lack of hazards, lack of regulatory requirements and the above determination.

For purposes of this Article Preface, "Article" means a manufactured item other than a fluid or particle: (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) which under normal conditions of use does not release more than very small quantities, e.g., minute or trace amounts of a hazardous chemical, and does not pose a physical hazard or health risk to employees.

**SECTION 1: PRODUCT IDENTIFICATION**

**Product Name:** PCPreserver **Formula:** Article  
**Hazard Label:** Not Required

**Chemical Name:** Unfinished Distillates, Hydraulic Oils, and Lubricating Oils

**Manufacturer:** OMG, Inc. **Website:** [www.olyfast.com](http://www.olyfast.com)  
**Telephone:** 413-789-0252  
**Address:** 153 Bowles Rd  
Agawam, MA 01001

**Issue Date:** 11/20/2012  
**Latest Revision:** 11/27/2012

**SECTION 2: INGREDIENTS**

This product does not contain any ingredients regulated by the Community Right-to-Know Reporting Requirements of the U.S. Environmental Protection Agency (42 CFR 313 and 40 CFR 372).

In addition, the supplier is not aware of any ingredients contained in the product that are hazardous to health or the environment when the product is used as directed.

### SECTION 3: HAZARD IDENTIFICATION

#### Potential Health Effects

Used as expected and/or directed, this product is not expected to release or otherwise result in exposure to a hazardous chemical.

### SECTION 4: FIRST AID MEASURES

**Used as expected and/or directed, this product is not expected to release or otherwise result in exposure to a hazardous chemical.**

**Eye Contact:** If irritation or redness develops from exposure, flush eyes with clean water. If symptoms persist, seek medical attention.

**Skin Contact:** Remove contaminated shoes and clothing and cleanse affected area(s) thoroughly by washing with mild soap and water or a waterless hand cleaner. If irritation or redness develops and persists, seek medical attention.

**Inhalation (Breathing):** First aid is not normally required. If breathing difficulties develop, move victim away from source of exposure and into fresh air in a position comfortable for breathing. Seek immediate medical attention.

**Ingestion (Swallowing):** First aid is not normally required; however, if swallowed and symptoms develop, seek medical attention.

**Notes to Physician:** Acute aspirations of large amounts of oil-laden material may produce serious aspiration pneumonia. Patients who aspirate these oils should be followed for the development of long-term sequelae. Inhalation exposure to oil mists below current workplace exposure limits is unlikely to cause pulmonary abnormalities.

**Medical Conditions Aggravated by Exposure:** Conditions which may be aggravated by exposure include skin disorders.

### SECTION 5: FIRE AND EXPLOSION DATA

#### NFPA 704 Hazard Class

Health: 0      Flammability: 1      Instability: 0

**Unusual Fire & Explosion Hazards:** This material may burn, but will not ignite readily. If container is not properly cooled, it can rupture in the heat of a fire.

**Extinguishing Media:** Dry chemical, carbon dioxide, foam, or water spray is recommended. Water or foam may cause frothing of materials heated above 212°F / 100°C.

**Fire Fighting Instructions:** For fires beyond the initial stage, emergency responders in the immediate hazard area should wear protective clothing. Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely.

**Hazardous Combustion Products:** Combustion may yield smoke, carbon monoxide, and other products of incomplete combustion. Oxides of nitrogen and sulfur may also be formed.

**See Section 9 for Flammable Properties including Flash Point and Flammable (Explosive) Limits**

## SECTION 6: SPILL/RELEASE MEASURES

**Personal Precautions:** This material may burn, but will not ignite readily. Keep all sources of ignition away from spill/release. The use of explosion-proof electrical equipment is recommended. Stay upwind and away from spill/release. Avoid direct contact with material. For large spillages, notify persons downwind of the spill/release, isolate immediate hazard area and keep unauthorized personnel out. Wear appropriate protective equipment, including respiratory protection, as conditions warrant (see Section 8). See Sections 2 and 7 for additional information on hazards and precautionary measures.

**Environmental Precautions:** Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems, and natural waterways. Use water sparingly to minimize environmental contamination and reduce disposal requirements. Spills into or upon navigable waters, the contiguous zone, or adjoining shorelines that cause a sheen or discoloration on the surface of the water, may require notification of the National Response Center (phone number 800-424-8802).

**Methods for Containment and Clean-Up:** Notify relevant authorities in accordance with all applicable regulations. Immediate cleanup of any spill is recommended. Dike far ahead of spill for later recovery or disposal. Absorb spill with inert material such as sand or vermiculite, and place in suitable container for disposal. If spilled on water remove with appropriate methods (e.g. skimming, booms or absorbents). In case of soil contamination, remove contaminated soil for remediation or disposal, in accordance with local regulations.

## SECTION 7: HANDLING AND STORAGE

**Precautions for safe handling:** Keep away from flames and hot surfaces. Wash thoroughly after handling. Use good personal hygiene practices and wear appropriate personal protective equipment (see section 8).

Spills will produce extremely slippery surfaces. Do not wear contaminated clothing or shoes.

**Conditions for safe storage:** Keep container(s) tightly closed and properly labeled. Use and store this material in cool, dry, well-ventilated area away from heat and all sources of ignition. Store only in approved containers. Keep away from any incompatible material (see Section 10). Protect container(s) against physical damage.

**SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION**

Component	ACGIH	OSHA	Other
Hydrotreated Distillate, Heavy Paraffin	TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup> (as Oil Mist, if generated)	5 mg/m <sup>3</sup> (as Oil Mist, if generated)	None

**Note: State, local or other agencies or advisory groups may have established more stringent limits. Consult an industrial hygienist or similar professional, or your local agencies, for further information.**

**Engineering controls:** Exhaust ventilation is not expected to be required under normal use. If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits, additional engineering controls may be required.

**Eye/Face Protection:** The use of eye/face protection is not normally required; however, good industrial hygiene practice suggests the use of eye protection that meets or exceeds ANSI Z.87.1 whenever working with chemicals.

**Skin/Hand Protection:** The use of gloves impervious to the specific material handled is advised to prevent skin contact. Suggested protective materials: Nitrile.

**Respiratory Protection:** Used as expected and/or directed, this product is not expected to release or otherwise result in exposure to a hazardous chemical.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**Note:** Unless otherwise stated, values are determined at 20 °C (68 °F) and 760 mm Hg (1 atm). Data represent typical values and are not intended to be specifications.

<b>Appearance:</b>	Clear and bright Water-white
<b>Physical Form:</b>	Liquid
<b>Odor:</b>	Petroleum
<b>Odor Threshold:</b>	No data
<b>pH:</b>	Not applicable
<b>Vapor Pressure:</b>	<0.1 kPa @ 104 °F / 40 °C
<b>Vapor Density (air=1):</b>	>1
<b>Initial Boiling Point/Range:</b>	No data
<b>Melting/Freezing Point:</b>	No data
<b>Pour Point:</b>	10.4 °F / -12 °C
<b>Solubility in Water:</b>	Insoluble
<b>Partition Coefficient (n-octanol/water) (Kow):</b>	No data

<b>Specific Gravity (water=1):</b>	0.8600 - 0.8765 @ 60°F (15.6°C)
<b>Bulk Density:</b>	7.14 - 7.31 lbs/gal
<b>Viscosity:</b>	6.4 - 12.6 cSt @ 100°C; 41.9 - 106.0 cSt @ 40°C
<b>Percent Volatile:</b>	Nil
<b>Evaporation Rate (nBuAc=1):</b>	Nil
<b>Flash Point:</b>	420 °F / 216 °C
<b>Test Method:</b>	Cleveland Open Cup (COC), ASTM D92
<b>Lower Explosive Limits (vol % in air):</b>	No data
<b>Upper Explosive Limits (vol % in air):</b>	No data
<b>Auto-ignition Temperature:</b>	678 - 849 °F / 359 - 454 °C

## SECTION 10: STABILITY AND REACTIVITY

**Stability:** Stable under normal ambient and anticipated conditions of use.

**Conditions to Avoid:** Extended exposure to high temperatures can cause decomposition. Avoid all possible sources of ignition.

**Materials to Avoid (Incompatible Materials):** Avoid contact with strong oxidizing agents and strong reducing agents.

**Hazardous Decomposition Products:** Not anticipated under normal conditions of use.

**Hazardous Polymerization:** Not known to occur.

## SECTION 11: TOXICOLOGICAL INFORMATION

### Information on Toxicological Effects of Substance/Mixture

<b>Acute Toxicity</b>	<b>Hazard</b>	<b>LC50/LD50 Data</b>
Inhalation	Unlikely to be harmful	>5 mg/L (mist, estimated)
Skin Absorption	Unlikely to be harmful	> 2 g/kg (estimated)
Ingestion	Unlikely to be harmful	> 5 g/kg (estimated)

**Aspiration Hazard:** Not expected to be an aspiration hazard.

**Skin Corrosion/Irritation:** Not expected to be irritating. Repeated exposure may cause skin dryness or cracking.

**Serious Eye Damage/Irritation:** Not expected to be irritating.

**Signs and Symptoms:** Inhalation of oil mists or vapors generated at elevated temperatures may cause respiratory irritation. Accidental ingestion can result in minor irritation of the digestive tract, nausea and diarrhea.

**Skin Sensitization:** Not expected to be a skin sensitizer.

**Respiratory Sensitization:** No information available.

**Specific Target Organ Toxicity (Single Exposure):** Not expected to cause organ effects from single exposure.

**Specific Target Organ Toxicity (Repeated Exposure):** Not expected to cause organ effects from repeated exposure.

**Carcinogenicity:** Not expected to cause cancer.

**Germ Cell Mutagenicity:** Not expected to cause heritable genetic effects.

**Reproductive Toxicity:** Not expected to cause reproductive toxicity.

## SECTION 12: ECOLOGICAL INFORMATION

**Toxicity:** Classification: No classified hazards.

**Persistence and Degradability:** The hydrocarbons in this material are not readily biodegradable, but since they can be degraded by microorganisms, they are regarded as inherently biodegradable.

**Persistence per IOPC Fund definition:** Persistent **Bioaccumulative Potential:** Log Kow values measured for the hydrocarbon components of this material are greater than 5.3, and therefore regarded as having the potential to bioaccumulate. In practice, metabolic processes may reduce bioconcentration.

**Mobility in Soil:** Volatilization to air is not expected to be a significant fate process due to the low vapor pressure of this material. In water, base oils will float and spread over the surface at a rate dependent upon viscosity. There will be significant removal of hydrocarbons from the water by sediment adsorption. In soil and sediment, hydrocarbon components will show low mobility with adsorption to sediments being the predominant physical process. The main fate process is expected to be slow biodegradation of the hydrocarbon constituents in soil and sediment.

**Other Adverse Effects:** None anticipated.

## SECTION 13: DISPOSAL CONSIDERATIONS

The generator of a waste is always responsible for making proper hazardous waste determinations and needs to consider state and local requirements in addition to federal regulations. This material, if discarded as produced, would not be a federally regulated RCRA "listed" hazardous waste and is not believed to exhibit characteristics of hazardous waste.

This material under most intended uses would become "Used Oil" due to contamination by physical or chemical impurities. Whenever possible, Recycle used oil in accordance with applicable federal and state or local regulations. Container contents should be completely used and containers should be emptied prior to discard.

**SECTION 14: TRANSPORT INFORMATION**

**U.S. Department of Transportation (DOT) Shipping Description:** Not regulated

**International Maritime Dangerous Goods (IMDG) Shipping Description:** Not regulated

**International Civil Aviation Org. / International Air Transport Assoc. (ICAO/IATA)**

UN/ID #: Not regulated

**SECTION 15: REGULATORY INFORMATION**

**CERCLA/SARA:** This material does not contain any chemicals subject to the reporting requirements of SARA 302 and 40 CFR 372.

**CERCLA/SARA - Section 311/312 (Title III Hazard Categories)**

**Acute Health:** No  
**Chronic Health:** No  
**Fire Hazard:** No  
**Pressure Hazard:** No  
**Reactive Hazard:** No

**CERCLA/SARA - Section 313 and 40 CFR 372:** This material does not contain any chemicals subject to the reporting requirements of SARA 313 and 40 CFR 372.

**EPA (CERCLA) Reportable Quantity (in pounds):** This material does not contain any chemicals with CERCLA Reportable Quantities.

**California Proposition 65:** This material does not contain any chemicals which are known to the State of California to cause cancer, birth defects or other reproductive harm at concentrations that trigger the warning requirements of California Proposition 65.

**International Hazard Classification**

**GHS Classification:** None

**Canadian Regulations:** This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the Regulations.

**WHMIS Hazard Class:** None

**National Chemical Inventories**

Component	AICS	DSL	NDSL	CHINA	ELINCS	EINECS	ENCS	KOREA	PICCS	TSCA
Hydrotreated Distillate, Heavy Paraffin; 64742-54-7	X	X		X		X	X	X	X	X

**Legend:** AICS - Australia Inventory of Chemical Substances, DSL - Domestic Substances List (Canada), NDSL - Non-Domestic Substances List (Canada), CHINA - Inventory List, ELINCS - EU List of Notified Chemical Substances, EINECS - European Inventory of Existing Commercial Chemical Substances, ENCS - Japan Existing and New Chemical Substances, KOREA - Existing and Evaluated Chemical Substances, PICCS - Philippines Inventory of Chemicals and Chemical Substances, TSCA - United States Section 8(b) Inventory

**U.S. Export Control Classification Number:** EAR99

## **SECTION 16: OTHER INFORMATION**

### **EMERGENCY ASSISTANCE**

This Material Data Safety Sheet ("MSDS") provides general information regarding our products and their use. The safety measures outlined are meant to apply to routine use and any minor injuries and/or accidents that result. Users should seek emergency help immediately for any other injury or accident.

### **USER RESPONSIBILITY**

This MSDS provides health and safety information. The product listed is to be used in applications consistent with our product literature. Persons handling the product must be informed of the recommended safety precautions and must have access to this information. Please contact OMG, Inc. ("OMG" and/or "the Company") regarding other uses. Exposures must be evaluated so appropriate and safe handling and training programs can be established.

### **DISCLAIMER**

Our products and the information contained herein are supplied on the condition that the persons receiving same will make their own determination as to suitability for their purposes prior to use. In no event will OMG be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information from this sheet or the products to which the information refers. OMG does not warrant the accuracy or timeliness of the information in this sheet and has no liability for any errors or omissions in these materials.

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