

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: PCPreserver
Supplier: OMG, Inc. 24-hour Emergency Response Number:
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Agawam, MA 01001 USA
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Product Use(s): Cleaning agent for OlyBond® delivery system equipment

2. HAZARDS IDENTIFICATION

Classification(s): GHS Physical Hazard and Health Hazard Classifications: None applicable
Physical Hazards Not Otherwise Classified: None
Health Hazards Not Otherwise Classified: None

Symbol(s): None applicable

Signal Word(s): None applicable

Hazard Statement(s): None applicable

Precautionary Statement(s): None applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>CAS Number</u>	<u>Percentage</u>	<u>Impurities</u>
Petroleum Distillates, Hydrotreated Heavy Paraffinic	64742-54-7	100%	None known

4. FIRST AID MEASURES

Eyes: Hold eyes open and flush with lukewarm water for at least 15 minutes. If eye irritation persists, seek medical attention.

Skin: Remove contaminated clothing. Wash affected areas with soap and water for at least five minutes. If irritation persists, seek medical attention. Launder or dry-clean clothing before reuse.

Ingestion: DO NOT induce vomiting. Seek immediate medical attention. Do not attempt to give anything by mouth to an unconscious or convulsive person.

Inhalation: If breathing difficulties develop, move the subject away from the area, and keep the subject warm and at rest. Seek immediate medical attention.

Guidance for Physician or Poison Control Center: If the product is ingested, there is a potential for aspiration into the lungs, which can cause pneumonia or edema. Do not induce vomiting. Treat ingestion according to symptoms, as there is no specific antidote. Inhalation of oil mist may cause transient respiratory irritation.

5. FIRE FIGHTING MEASURES

Extinguishing Media:	Water spray, carbon dioxide, dry chemical or chemical foam. Carbon dioxide can displace oxygen, so use it with caution in confined spaces. Do not use chemical foam and water together, as water destroys the foam. Water spray may be useful in dispersing vapors and cooling undamaged containers.
Fire and Explosion Hazards:	This product may ignite if exposed to sources of ignition at temperatures in excess of its flash point. If present in a fire or explosion, potential thermal decomposition byproducts include carbon monoxide, oxides of nitrogen, sulfur dioxide, smoke, and byproducts of incomplete combustion.
Firefighting Instructions:	If fighting a fire in which this product is present, wear a self-contained breathing apparatus with full-facepiece operated in pressure-demand or other positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Methods and Materials:	Remove all sources of ignition and isolate the area of the spill, preferably by diking. Absorb spilled material with a sorbent such as sand, sawdust or vermiculite. Following absorption, transfer to an impervious container.
Personal Precautions:	Avoid contact with skin, eyes, and mucous membranes. Wear appropriate personal protective equipment (see Section #8) during cleanup and decontamination. Restrict unauthorized personnel during cleanup and disposal operations.
Environmental Precautions:	Prevent spills from entering sewers, waterways, or contaminating soil. Depending upon the extent and conditions of the spill, notification of appropriate Federal, State/Provincial, and local authorities may be required.

7. HANDLING AND STORAGE

Handling Precautions:	Keep away from flames, hot surfaces, and other potential sources of ignition. When handling the product, avoid contact with eyes, skin, and clothing, using protective equipment as needed. Do not use this product around children, and secure it away from children.
Work and Hygiene Practices:	To prevent ingestion or contact following use of the product, wash hands and face before eating, drinking, applying cosmetics, or using tobacco. Remove contaminated clothing and protective equipment before entering eating/drinking areas.
Storage Precautions:	Keep containers tightly sealed during storage. Store in a cool, dry, well-ventilated area away from sources of ignition and incompatible materials (see Section #10). Protect containers from potential sources of physical damage. Empty drums may contain residues and are potentially dangerous. Do not cut, weld, braze, drill, or grind drums, or expose empty drums to potential sources of ignition. Empty drums should be completely drained, bunged, and shipped to the supplier or a drum reconditioner. If drums are disposed, this should be done in an environmentally safe manner and in conformance with applicable regulations.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ingredients Exposure Limits:	<u>Ingredient</u>	<u>OSHA PEL(s)</u>	<u>ACGIH TLV(s)</u>
	Petroleum Distillates, Hydrotreated Heavy Paraffinic	5 mg/m ³ TWA (as Oil Mist)	None
Ingredients Biological Limits:	<u>Ingredient</u>	<u>Biological Limits</u>	
	Petroleum Distillates, Hydrotreated Heavy Paraffinic	No ACGIH BEIs or other biological limits	
Engineering Controls:	Use appropriate ventilation (general or local exhaust) whenever required to maintain concentrations of all components within their applicable standards.		
Eye/Face Protection:	Wear eye protection adequate to prevent eye contact with the product. Plastic-frame spectacles with side shields, chemical goggles, or a face shield are suitable forms of eye protection. Do not wear contact lenses when working with this product.		
Skin Protection:	Wear protective gloves and clothing to prevent skin irritation from contact with the product. Nitrile rubber is known to be effective against permeation by hydrocarbons. For other gloves, manufacturers should be consulted as to their breakthrough characteristics and times.		
Respiratory Protection:	Respiratory protection is not normally required when using this product at ambient temperature. However, if an exposure level to a component exceeds an applicable standard, use a NIOSH-approved respirator of a class and configuration effective for protection from the components. Consult OSHA regulations (29CFR1910.134) and/or American National Standard Z88.2 (ANSI, New York, NY 10036, USA) for guidance.		

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: water white liquid	Upper Explosive Limit: no data
Odor: petroleum	Vapor pressure: <0.1 kPa @ 40°C.
Odor threshold: no data	Vapor density: >1.0
pH: not applicable	Evaporation Rate: negligible
Melting point: not applicable	Percent volatile: negligible
Freezing point: not applicable	Relative density (H ₂ O): approx. 0.86
Boiling point: no data	Bulk density: 7.14-7.31 lbs/gallon
Boiling range: no data	Solubility (H ₂ O): insoluble
Flash Point: 420°F./216°C.	Oil-water partition coefficient: no data
Autoignition Point: ≥678°F./359°C.	Decomposition temperature: no data
Flammability Class: IIIB	Viscosity: ≥41.9 cSt @ 40°C.
Lower Explosive Limit: no data	Pour Point: 10.4°F./-12°C.

10. STABILITY AND REACTIVITY

Stability:	Stable at ambient temperature and anticipated conditions of use
Reactivity:	Not chemically reactive
Hazardous Polymerization:	Not anticipated to occur
Risk of Dangerous Reactions:	None reasonably foreseeable
Conditions to Avoid:	Extended exposure to high temperatures and to sources of ignition
Incompatible Materials:	Strong oxidizing agents; strong reducing agents
Potential Decomposition Byproducts:	Carbon monoxide, oxides of nitrogen, sulfur dioxide, smoke, and byproducts of incomplete combustion.

11. TOXICOLOGICAL INFORMATION

<u>Ingredients Toxicology Data</u>	<u>LD₅₀ Oral</u>	<u>LD₅₀ Dermal</u>	<u>LC₅₀</u>
Petroleum Distillates, Hydrotreated Heavy Paraffinic	>5,000 mg/kg	>2,000 mg/kg	>5 mg/l. (as oil mist)
Primary Route(s) of Entry:	Inhalation; ingestion		
Eye Hazards:	This product may cause mild eye irritation.		
Skin Hazards:	This product may cause mild skin irritation.		
Ingestion Hazards:	The product is nontoxic by ingestion, but ingestion may cause nausea and/or gastrointestinal irritation.		
Inhalation Hazards:	Inhalation of toxicologically-significant quantities of ingredients is unlikely when the product is used in a well-ventilated area and in accordance with instructions.		
Symptoms Related to Overexposure:	Inhalation overexposure to oil mist generated by heating or aerosolization may cause respiratory tract irritation.		
Delayed Effects from Long Term Overexposure:	None are reasonably foreseeable.		
Carcinogenicity:	The product contains no ingredients classified as potential or demonstrated carcinogens by OSHA, the National Toxicology Program (NTP), or the International Agency for Research on Cancer (IARC).		
Germ Cell Mutagenicity:	No ingredients have been determined to be germ cell mutagens.		
Reproductive Toxicity:	No ingredients have been determined to be damaging to fertility or to the unborn child.		
Acute Toxicity Estimates:	LD ₅₀ (oral): >5,000 mg/kg LD ₅₀ (dermal): >2,000 mg/kg LC ₅₀ : > 5 mg/l. Interactive effects of components: no data available		

12. ECOLOGICAL INFORMATION

Toxicity: No data available for Aquatic Toxicity to Fish, Invertebrates, Plants, or Microorganisms, Toxicity to Terrestrial Animals, or Toxicity to Terrestrial Plants.

Persistence and Biodegradability: The components of this product are not readily biodegradable, but are potentially degradable by microorganisms.

Bioaccumulation Potential: The components of this product may bioaccumulate in organisms. The extent of bioaccumulation may be affected by metabolic processes.

Mobility in Soil: No data available

Ozone Depletion Potential: This product contains no ingredients known to deplete the ozone layer.

13. DISPOSAL CONSIDERATIONS

Do not discharge waste product into sanitary or storm sewers or allow it to contaminate soil. Empty containers should be decontaminated prior to disposal. Consult applicable Federal, State/Provincial, and local regulations.

14. TRANSPORTATION INFORMATION

Transport of the product in non-bulk containers is not regulated by USDOT, TDG (Canada), IATA, or IMO. If shipped by land in packaging with a capacity of 3,500 gallons or greater, the requirements of 49CFR Part 130 apply.

15. REGULATORY INFORMATION

United States Regulatory Information

TSCA Information: All ingredients of this product are listed in the TSCA Registry.

SARA Hazard Classes: None applicable

EPCRA Section 313 Notification: This product contains no ingredients in concentrations $\geq 1\%$ (for carcinogens $\geq 0.1\%$) regulated under Section 313 of the *Emergency Planning and Community Right-To-Know Act* of 1986 or 40 CFR 372.

Canadian Regulatory Information

All components of this product are listed in the Domestic Substances List (DSL).

This product has been classified in accordance with Canada's *Hazardous Products Regulations* (SOR/DORS/2015-17).

16. OTHER INFORMATION

Hazardous Materials Information System (HMIS III) Ratings:	<u>Health</u> 0	<u>Flammability</u> 1	<u>Physical Hazard</u> 0
Legend:	minimal hazard	slight hazard	minimal hazard

16. OTHER INFORMATION (continued)

Personal Protective Equipment: OMG, Inc. recommends use of protective eyewear and skin protection (Personal Protection Index "B") as standard PPE for the anticipated conditions of use of this product. However, HMIS recommends that its ratings be used only in conjunction with a fully implemented HMIS program, and that specific PPE codes should be created by the user, who is familiar with the actual conditions under which the product is used. We cannot anticipate every condition of the product's use, and it is the user's responsibility to evaluate the hazards pertinent to its specific operations, and to determine the specific PPE required.

National Fire Protection Association (NFPA) Ratings:	<u>Health</u> 0	<u>Flammability</u> 1	<u>Reactivity</u> 0
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