

SAFETY DATA SHEET



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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name	Prolong EP 2 Grease W/AFMT
<u>Other means of identification</u>	PSL 45000, PSL45010, PSL 45020, PSL45030
Synonyms	None

Recommended use of the chemical and restrictions on use

Recommended Use	Industrial grease
Uses advised against	No information available

Details of the supplier of the safety data sheet

Supplier Name	GoldenWest Lubricants, Inc.
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2. HAZARDS IDENTIFICATION

Classification

Not classified

GHS Label elements, including precautionary statements

Emergency Overview

Signal word:	Hazard Statement: This material is not considered hazardous in accordance with OSHA HazCom 2012,29 CFR 1910.1200	
Appearance Blue Gray	Physical State Solid	Odor Hydrocarbons Oily

Precautionary Statements - Prevention

Obtain special instructions before use. Do not breathe mist or vapor. Avoid contact during pregnancy/while nursing. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment.

Precautionary Statements - Response

If exposed or concerned: Get medical advice/attention. Collect spillage.

Precautionary Statements - Storage

Store the product in well-ventilated area. Keep the container straight lid upside. Do not lay down upside down or do not keep container horizontally. This product has natural tendency to squeeze oil if not kept properly.

Precautionary Statements - Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazards not otherwise classified (HNOC)

None as classified under 29 CFR 1900.1200

Unknown Toxicity

None known.

Other information

None known.

Interactions with Other Chemicals

No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%	Trade Secret
Supplier Trade Secret	Mixture	85-99%	*

*The exact percentage (concentration) of composition has been withheld as a trade secret. This material is defined as a mixture with no know hazards under GHS classification

4. FIRST AID MEASURES

First aid measures

General Advice

Not expected to be a health hazard if used under normal conditions.

Eye Contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention immediately if symptoms occur.



Skin Contact

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

Inhalation

Under normal conditions of intended use, this material is not expected to be an inhalation hazard. If some symptom exists, remove to fresh air. If not breathing, give artificial respiration. Get medical attention.

Ingestion

In general no treatment is necessary unless large quantities are swallowed, however, it's advisable to take medical attention. Do not induce vomiting unless directed by medical personnel. Do not give anything by mouth by an unconscious person.

Most important symptoms and effects, both acute and delayed**Most Important Symptoms and Effects**

No information available.

Indication of any immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Treat symptomatically. Keep victim under observations. Symptoms may be delayed.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water Spray (fog), dry chemical, foam, or carbon dioxide, sand to extinguish flames.

Unsuitable extinguishing media

CAUTION: Use of water spray when fighting fire may splash burning liquid and spread fire.

Hazardous Combustion Products

Hazardous combustion product may include a complex mixture of airborne solid and liquid particulates and gases (smoke), carbon monoxide, unidentified inorganic and organic compounds.

Explosion Data

Sensitivity to Mechanical Impact No.

Sensitivity to Static Discharge No.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures**Personal Precautions**

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For Personal protection, see section 8 of the SDS.

Other Information

Refer to protective measures listed in Sections 7 and 8.

Environmental Precautions

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

Methods and material for containment and cleaning up

Shovel into suitable properly marked container for disposal or reclamation in accordance with local regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe mist or vapor. Provide adequate ventilation. Should be handled in closed systems, if possible. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Keep containers tightly closed, well-ventilated areas but covered, avoiding contact with rain and other water ingress possibilities. Keep the storage place cool preferably <120F/<50C. Higher temperature may create pressure buildup inside container and chances of container bursting or leakage may occur under aggravated conditions. Keep away from other oxidizing and incompatible materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Mineral oil mist	TWA: (mist), ACGIH	TWA: (mist)	

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits Immediately Dangerous to Life or Health

Other Exposure Guidelines No biological limit allocated.

Appropriate engineering controls

Due to the semi-solid nature of the product, generation of mist and dusts is unlikely to occur.

Individual protection measures, such as personal protective equipment**Eye/Face Protection**

Wear safety goggles.

Skin and Body Protection

Wear protective gloves and protective clothing.

Respiratory Protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures

When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Thermal Hazards

Wear appropriate thermal protective clothing, when necessary.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical State	Semi-solid	Odor	Slight Hydrocarbons
Appearance	Grease	Odor Threshold	No information available
Color	Blue Green		
<u>Property</u>	<u>Values</u>	<u>Remarks</u>	<u>Method</u>
pH	Unknown	None known	
Melting / freezing point	No data available	None known	
Boiling point / boiling range	No data available	None known	
Flash Point, COC, °F/°C	400/204	None known	
Evaporation Rate	No data available	None known	
Flammability (solid, gas)	No data available	None known	
Flammability Limit in Air			
Upper flammability limit	No data available		
Lower flammability limit	No data available		
Vapor pressure @ ambient temp.	<0.13 kPa (<1mm Hg)	None known	
Vapor density (air=1)	<1	None known	
Specific Gravity (15°C):	.87		
Water Solubility	Insoluble in water	None known	
Dynamic viscosity	No data available	None known	
Explosive properties	No data available		
Oxidizing Properties	No data available		
Density (lbs./gal):	No data available		
<u>Other Information</u>			
Softening Point	No data available		
VOC, % wt. ASTM D-972)	1		

10. STABILITY AND REACTIVITY

Reactivity

No reactivity is expected under normal conditions of intended use. However, under high temperature or adverse operating conditions thermal/chemical decomposition of the product may be possible.

Chemical stability

No hazardous reaction is expected under normal conditions of temperature and pressure.

Possibility of Hazardous Reactions

Hazardous polymerization is not expected Reacts with strong oxidizing agents.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to avoid

Extreme temperature and direct sunlight/heat/flame.

Incompatible materials

Oxidizing agent.

Hazardous Decomposition Products

Hazardous decomposition is not expected to form under normal conditions of storage.



11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Information given hereby is based on the components and the toxicology of similar products and the data indicated here are representative of mainly base oil which is present in majority

Inhalation	Not determined
Eye Contact	Expected to be slightly irritating
Skin Contact	Expected to be slightly irritating, prolonged/repeated contact with skin without adequate cleaning may clog the pores of the skin and may result disorder such as oil acne/folliculitis.
Ingestion	Expected to be low toxicity: LD 50 (rat) >5000mg/kg (literature).

Component Information

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.

Mutagenic Effects No information available.

Carcinogenicity Not considered to be carcinogenic as it contains severely hydrotreated mineral oils which are reported to be non-carcinogenic in lab animal studies. The class of oils used in making this product are not classified as carcinogenic by IARC

Chemical Name	ACGIH	IARC	NTP	OSHA
Supplier Trade Secret				
Highly refined base oil blend (IP 346<3%)	Group 4A	3		

ACGIH (American Conference of Governmental Industrial Hygienists)

This product is not listed as carcinogenic.

IARC (International Agency for Research on Cancer)

The International Agency for research on cancer had concluded that highly or severely refined light and middle distillates are Group 3 substances, "not classifiable as to their carcinogenicity to humans," based on inadequate.

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

This product is not listed as carcinogenic.

STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Chronic Toxicity	No information available.
Target Organ Effects	No information available.
Aspiration Hazard	No information available.

12. ECOLOGICAL INFORMATION

Eco toxicity

No data on this specific product. The information given herewith are based on the information given on eco-toxicity of components and/or on similar products. The information given here are representative of the product as whole and not as individual components.

Toxicity

Sparingly soluble mixture in aqueous media. Not toxic to fish, but may coat gill structure and cause suffocation if spilled. This product may cause gastrointestinal distress in birds and mammals through ingestion.

Persistence and Degradability

Expected to be not readily biodegradable. The major oil component expected to biodegrade over period of 100-120 days in aerobic environment at temperature above 70° F (21°C), however finished product contain component that may persist in the environment.

Bioaccumulation

May contain component that bio accumulate.

Mobility in soil

Product is semi-solid in nature in most conditions and may absorb to soil and may not be mobile. It floats on water.

Other adverse effect

Product contains the components that have been classified non-volatile in nature and therefore not expected to release to environment in significant quantities.

Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal methods

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging

Dispose of contents/containers in accordance with local regulations.

14. TRANSPORT INFORMATION

<u>DOT</u>	Non-regulated
Proper Shipping Name	Non-regulated
Hazard Class	N/A
<u>TDG</u>	Not regulated
<u>MEX</u>	Not regulated
<u>ICAO</u>	Not regulated
<u>IATA</u>	Not regulated
Proper Shipping Name	Non-regulated
Hazard Class	N/A
<u>IMDG/IMO</u>	Not classified as hazardous product for land, sea and air transport
<u>RID</u>	Not regulated
<u>ADR</u>	Not regulated
<u>ADN</u>	Not regulated



15. REGULATORY INFORMATION

International Inventories

TSCA

Complies.

DSL/NDSL

All components are listed either on the DSL or NDSL.

OSHA Hazard Communication Standard

This material is not considered hazardous in accordance with OSHA HAzCom2012, 29 CFR 1910.1200.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory.

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List.

US Federal Regulations

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

SARA 313

This product doesn't contain >1.0% (>0.1% for carcinogenic substance) (of any chemical substances listed under SAR 313.

SARA 311/312 Hazard Categories

	Base Oil
Acute Health Hazard	No
Chronic Health Hazard	Yes
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No
	Calcium Dodecyl Benzene Sulfonate
Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

US State Regulations

OSHA Specifically Regulated Substances(29 CFR 1910.1001-1050)

Not Listed.

California Proposition 65

This product doesn't intentionally contain any chemical known by State of California to cause cancer and/or birth defects.

U.S. State Right-to-Know Regulations

International Regulations

WHMIS Hazard Class

Non-controlled

Canadian (NDSL)

None of the components are listed.

Australian Inventory (AICS)

All components are listed or exempt.

China Inventory (IECSC)

All components are listed.

Japan Inventory

All components are listed or exempt.

Korea Inventory

All components are listed.



Malaysia Inventory (EHS Register)

Not determined.

New Zealand Inventory of Chemicals (NZIoC)

All components are listed or exempted.

Philippines Inventory (PICCS)

All components are listed or exempted.

Taiwan Inventory (CSNN)

Not determined.

16. OTHER INFORMATION

NFPA	Health Hazards 1	Flammability 1	Instability 0	Physical and Chemical Hazards -
HMIS	Health Hazards 0	Flammability 1	Physical Hazard 0	Personal Protection B
Chronic Hazard Star Legend * = Chronic Health Hazard				

Issuing Date	22-June-2015
Revision Date	
Revision Note	No information available

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

This product is designed for use in any standard cartridge loading grease gun. For proper loading, see grease gun instructions.

For other crankcase capacities or engine applications, use Prolong Engine Treatment at 10% of the volume of oil.

