SAFETY DATA SHEET

Issuing Date 27-Mar-2015 **Revision Date** 22-June-2015 **Revision Number** 1

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

Product identifier

Product Name **Prolong Engine Treatment**
Prolong Engine Treatment Booster

Other means of identification **PSL11000, PSL11030, PSL11100, PSL11151, PSL11202, PSL11225, PSL11220**

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Engine (motor) oil treatment for Autos, Trucks, Boats, Motorcycles and other engines

Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Name GoldenWest Lubricants, Inc.
ollect)

2. HAZARDS IDENTIFICATION

Classification
Not classified

GHS Label elements, including precautionary statements

Emergency Overview

Signal word:
Reproductive toxicity

Hazard Statement:
May cause harm to breast-fed children. Harmful to aquatic life.

Appearance Amber **Physical State** Oil Viscous liquid **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 away from incompatible materials.

Precautionary Statements - Disposal
Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazards not otherwise classified (HNOC)
None known.

Unknown Toxicity
1.37% of the mixture consists of ingredient(s) of unknown toxicity.

Other information
Harmful to aquatic life with long lasting effects.

Interactions with Other Chemicals
No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%	Trade Secret
Supplier Trade Secret	Proprietary	60 - 80	*
Petroleum distillates, hydro treated heavy paraffinic	64742-54-7	10 - 30	
Supplier Trade Secret	Proprietary	1 - 5	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures

General Advice
Note: When using this product in high pressure equipment - Accidental high velocity dermal injection of this material requires immediate medical attention.

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
Remove to fresh air. Get medical attention immediately if symptoms occur.

Ingestion
Call a physician or poison control center immediately. Do NOT induce vomiting.

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
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media
CAUTION: Use of water spray when fighting fire may be inefficient.

Specific Hazards Arising from the Chemical
No information available.

Uniform Fire Code Combustible Liquid: III-B

Hazardous Combustion Products
Normal combustion forms carbon dioxide and water vapor, and may produce oxides of carbon, sulfur hydrogen chloride and nitrogen. Incomplete combustion can produce carbon monoxide.

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

Large spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent product from entering drains. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

Small spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. For disposal, see section 13 of the SDS.

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. Pregnant or breastfeeding women must not handle this product. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Store locked up. Store in original tightly closed container. Keep out of the reach of children. Store away from incompatible materials (see Section 10 of the SDS).

Incompatible Products Oxidizing agent.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Petroleum distillates, hydro treated heavy paraffinic 64742-54-7	TWA: 5 mg/m^3, as oil mist, mineral STEL: TWA: 10 mg/m^3, as oil mist, mineral	TWA: 5 mg/m^3, as oil mist, mineral	

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 Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir. 1992) See section 15 for national exposure control parameters.

Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

Eye/Face Protection

Tight sealing 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	Oil, Viscous liquid, Liquid	
Appearance	Oily Liquid	
Color	Amber	
Odor	Hydrocarbons Oily	
Odor Threshold	No information available	
Property	**Values**	**Remarks Method**
pH	Unknown	None known
Melting / freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash Point	149 C / 300 F	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	No data available	None known
Vapor density	No data available	None known
Specific Gravity(H^2O=1):	1.08 @ 15.6°C(Typical)	
Water Solubility	Insoluble in water	None known
Dynamic viscosity (cSt 100C)	4.91	None known
Dynamic viscosity (cSt 40C)	32.7	
Explosive properties	No data available	
Oxidizing Properties	No data available	
Density (lbs./gal):	9.08 to 9.33	

Other Information

Softening Point	No data available
VOC Content g/l)	No data available

10. STABILITY AND REACTIVITY

Reactivity
No data available.

Chemical stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
None under normal processing.

Hazardous Polymerization
Hazardous polymerization does not occur.

Conditions to avoid
Keep away from open flames, hot surfaces and sources of ignition.

Incompatible materials
Oxidizing agent.

Hazardous Decomposition Products
May cause dense smoke, oxides of carbon, hydrogen chloride, nitrogen, sulfur, and calcium.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	No adverse effects due to inhalation are expected.
Eye Contact	Specific test data for the substance or mixture is not available.
Skin Contact	Specific test data for the substance or mixture is not available.
Ingestion	Specific test data for the substance or mixture is not available.
Component Information	Specific test data for the substance or mixture is not available.

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	The table below indicates whether each agency has listed any ingredient as a carcinogen.

The classification pertaining to the chlorinated paraffin is applicable to commercial chlorinated paraffin of average carbon chain-lengths of C12. The chlorinated paraffin present in this product is a chlorinated paraffin of a longer carbon chain-length, which is considered an IARC Class 3 for carcinogenicity (limited evidence). Petroleum products are known to cause cancer because of carcinogenic components (e.g. benzene). These carcinogenic components may be removed during the refinement process.

Chemical Name	ACGIH	IARC	NTP	OSHA
Supplier Trade Secret				
Petroleum distillates, hydro treated heavy paraffinic 64742-54-7				

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.

Reproductive Toxicity May cause harm to breastfed babies.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Chronic Toxicity Avoid repeated exposure. Prolonged exposure may cause chronic effects.

Target Organ Effects Respiratory system. Eyes. Skin. Gastrointestinal tract (GI).

Aspiration Hazard No information available.

Numerical measures of toxicity Product Information

The following values are calculated based on chapter 3.1 of the GHS document
Not applicable
ATE mix (oral)
1,135,135.00

12. ECOLOGICAL INFORMATION

Eco toxicity
Harmful to aquatic life with long lasting effects.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Supplier Trade Secret		96h LC50: > 300 mg/L (Lepomis macrochirus) 96h LC50: > 100 mg/L (Pimephales promelas) 96h LC50: 94.5 - 271 mg/L (Oncorhynchus		24h EC50: = 102 mg/L

		mykiss) 96h LC50: > 0.1 mg/L (Lepomis macrochirus) 96h LC50: > 0.0109 mg/L (Oncorhynchus mykiss)		
Petroleum distillates, hydro treated heavy paraffinic 64742-54-7		96h LC50: > 5000 mg/L (Oncorhynchus mykiss)		48h EC50: > 1000 mg/L

Persistence and Degradability
No information available.

Bioaccumulation

Chemical Name	Log Pow
Supplier Trade Secret	6

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.

California Hazardous Waste Codes 221

14. TRANSPORT INFORMATION

DOT Non-regulated
Proper Shipping Name Non-regulated
Hazard Class N/A
TDG Not regulated
MEX Not regulated

ICAO Not regulated
IATA Not regulated
Proper Shipping Name Non-regulated
Hazard Class N/A
IMDG/IMO UN3082
UN proper shipping name Environmentally hazardous substances, liquid, n.o.s. (Alkanes, C14-17,Chloro)
Transport hazard class(es)

Class	9
Subsidiary risk	-
Label(s)	9
Packing group	III
RID	Not regulated
ADR	Not regulated
ADN	Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies.
DSL/NDSL	All components are listed either on the DSL or NDSL.

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
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations
OSHA Specifically Regulated Substances(29 CFR 1910.1001-1050)
Not Listed.

California Proposition 65
This product contains the following Proposition 65 chemicals.

Chemical Name	California Proposition 65

U.S. State Right-to-Know Regulations

International Regulations

Mexico
National occupational exposure limits

Canada
WHMIS Hazard Class
Non-controlled

16. OTHER INFORMATION

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

Chronic Hazard Star Legend * = Chronic Health Hazard

Prepared By Product Stewardship

Issuing Date
Revision Date
Revision Note

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.

Prolong Engine Treatment is quick and easy to use, just pour it right into the engine crankcase. For first use in a 4 to 5 quart crankcase, pour in the full contents of a 12 oz. Prolong Engine Treatment bottle. You can do this as part of or in between oil changes. Then use the 8 oz. Prolong Engine Treatment Booster for follow-up applications when the motor oil is changed. The Booster size, with the same superior formula, renews Prolong protection to the maximum level. It is recommended that the Booster be used at each oil change, definitely within every six months or 6,000 miles.
The vehicle manufacturers recommended service schedule should always be followed.

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