

# SAFETY DATA SHEET

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Revision Date

Revision Number



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

### Product identifier

**Product Name** Prolong Engine Oil Stabilizer

**Other means of identification** PSL13032, PSL13128, PSL13105 , PSL13155

**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended Use** Engine Oil Stabilizer

**Uses advised against** No information available

### Details of the supplier of the safety data sheet

**Supplier Name** GoldenWest Lubricants, Inc.  
**Supplier Address** 1937 Mount Vernon Avenue  
Pomona, CA 91768-3312  
US

**Supplier Phone Number** Phone:909-865-3081  
Fax:909-865-4467

**Supplier Email** info@gwlinc.com

### Emergency telephone number

**Chem-Trec(US & Canada)** Phone: 800-424-9300  
**Chem-Trec (International)** Phone: 703-527-3887 (Collect)



**2. HAZARDS IDENTIFICATION**

**Classification**

Not classified

**GHS Label elements, including precautionary statements**

**Emergency Overview**

**Signal word:**

Environmentally damaging

**Hazard Statement:**

May cause harm to breast-fed children. Harmful to aquatic life. Very toxic to aquatic life with long lasting effects.



**Appearance** Amber

**Physical State** Oil Viscous liquid

**Odor** Hydrocarbons

**Precautionary Statements - Prevention**

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

**Precautionary Statements - Response**

If in eyes: Rinse cautiously with water for several minutes. Remove Contact Lenses, if present and easy to do. Continue rinsing. If eye irritation persists get medical attention.

**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. This product contains no PBT/vPvB chemicals.

**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
Distillate (petroleum) hydrotreated heavy naphthenic	0064742-52-5	<50%	*
Distillates, Petroleum	Proprietary	<10%	*
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	0068649-42-3	<3%	
Calcium Sulfonate	Proprietary	<3%	*
Carbamodithioic acid, dibutyl-methylene ester	0010254-57-6	<3%	
Supplier trade secret	Proprietary	>7	
Petroleum Distillates, Hydrotreated Heavy Paraffin	0064742-54-7	<1	*

\*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

No information available.

### 5. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Use Carbon dioxide (CO<sub>2</sub>), dry chemical, or foam to extinguish flames.

#### Unsuitable extinguishing media

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

#### Specific Hazards Arising from the Chemical

No information available.

**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. 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 and reducing agents. CAUTION! Do not use cutting or welding torches on drums, even when empty. Do not reuse container. Containers, even those that have been emptied will retain product residue and vapors. Always obey hazard warnings and handle empty containers as if they were full.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters  
Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Carbamodithioic acid, dibutyl-, methylene ester	No Established Limits	No Established Limits	No Established Limits
Distillate (petroleum) hydrotreated heavy naphthenic	No Established Limits	No Established Limits	No Established Limits
Petroleum Distillates (petroleum) hydrotreated heavy naphthenic	No Established Limits	No Established Limits	No Established Limits
Phosphorodithioic acid, O,O-di- C1-14-alkyl esters, zinc salts	No Established Limits	No Established Limits	No Established Limits
Calcium Sulfonate	No Established Limits	No Established Limits	No Established Limits
Petroleum Distillates	No Established Limits	No Established Limits	No Established Limits

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

CAS No.	Ingredient	Source	Value
0010254-57-6	Carbamodithioic acid, dibutyl-, methylene ester	OSHA IARC	Select Carcinogen: No Group 1: No: Group 2A: No: Group 2B: No: Group 3: No: Group 4: No:
0064742-52-5	Distillate (petroleum) hydrotreated heavy naphthenic	OSHA IARC	Select Carcinogen: No Group 1: No: Group 2A: No: Group 2B: No: Group 3: No: Group 4: No:
0064742-54-7	Petroleum Distillates, Hydrotreated Heavy Paraffin	OSHA IARC	Select Carcinogen: No Group 1: No: Group 2A: No: Group 2B: No: Group 3: No: Group 4: No:
0068649-42-3	Phosphorodithioic acid, O,O-di-C1-14-	OSHA IARC	Select Carcinogen: No Group 1: No: Group 2A: No: Group 2B: No: Group 3: No: Group 4: No:
Proprietary	Calcium Sulfonate	OSHA IARC	Select Carcinogen: No Group 1: No: Group 2A: No: Group 2B: No: Group 3: No: Group 4: No:
Proprietary	Petroleum Distillates	OSHA IARC	Select Carcinogen: No Group 1: No: Group 2A: No: Group 2B: No: Group 3: No: Group 4: No:
Proprietary	Chlorinated Paraffin	OSHA IARC	Select Carcinogen: No Group 1: No: Group 2A: No: Group 2B: No: Group 3: No: Group 4: No:

**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**

No Data Available.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical and Chemical Properties

<b>Physical State</b>	Oil, Viscous liquid, Liquid	
<b>Appearance</b>	Oily Liquid	
<b>Color</b>	Amber	
<b>Odor</b>	Hydrocarbons Oily	
<b>Odor Threshold</b>	No information available	
<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks Method</u></b>
<b>pH</b>	Unknown	None known
<b>Melting / freezing point</b>	No data available	None known
<b>Boiling point / boiling range</b>	No data available	None known
<b>Flash Point (C)</b>	>180	None known
<b>Evaporation Rate</b>	No data available	None known
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Flammability Limit in Air</b>		
<b>Upper flammability limit</b>	No data available	
<b>Lower flammability limit</b>	No data available	
<b>Vapor pressure</b>	No data available	None known
<b>Vapor density</b>	No data available	None known
<b>Specific Gravity(H<sup>2</sup>O=1):</b>	No data available	
<b>Water Solubility</b>	Insoluble in water	None known
<b>Dynamic viscosity (cSt 100C)</b>	No data available	None known
<b>Dynamic viscosity (cSt 40C)</b>	No data available	
<b>Explosive properties</b>	No data available	
<b>Oxidizing Properties</b>	No data available	
<b>Relative Density</b>	.91	
<b><u>Other Information</u></b>		
<b>Softening Point</b>	No data available	
<b>VOC Content g/l)</b>	No data available	

**Other Information**

SMSO extract by IP346: Less than 3.0wt% (mineral oil component only)



**10. STABILITY AND REACTIVITY**

**Reactivity**

No data available.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

May react with: oxidizing agents.

**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 and reducing agents.

**Hazardous Decomposition Products**

May cause dense smoke, oxides of carbon, and hydrogen chloride.

**11. TOXICOLOGICAL INFORMATION**

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation vapor LD50, mg/L/4hr
Calcium Sulfonate – (Proprietary or N/A)	>5,000, Rat	>2,000, Rabbit	Not Available
Carbamodithioic acid, dibutyl-, methylene ester – (0010254-57-6)	16,000.00, Rat	>2,000, Rabbit	Not Available
Distillate (petroleum) hydrotreated heavy naphthenic – (0064742-52-5)	>5,000, Rat	5,000.00, Rabbit	Not Available
Petroleum Distillates – (Proprietary)	Not Available	Not Available	Not Available
Petroleum Distillates, Heavy Paraffin- (0064742-54-7)	>5,000, Rat	>5,000 Rabbit	Not Available
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts – (0068649-42-3)	>2,000 Rabbit	>2,000, Rabbit	5.00, Rat

Classification	Category	Hazard Description
Acute toxicity (oral)	Not Classified	Not Applicable
Acute toxicity (dermal)	Not Classified	Not Applicable
Acute toxicity (inhalation)	Not Classified	Not Applicable
Skin corrosion/irritation	Not Classified	Not Applicable
Serious eye damage/irritation	Not Classified	Not Applicable
Respiratory sensitization	Not Classified	Not Applicable
Skin sensitization	Not Classified	Not Applicable
Germ cell mutagenicity	Not Classified	Not Applicable
Carcinogenicity	Not Classified	Not Applicable
Reproductive toxicity	Not Classified	Not Applicable
STOT-single exposure	Not Classified	Not Applicable
STOT-repeated exposure	Not Classified	Not Applicable
Aspiration hazard	Not Classified	Not Applicable



**Eco toxicity**

Chemical Name	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Distillate (petroleum) hydrotreated heavy naphthenic – (0064742-52-5)	5,000.00 Oncorhynchus mykiss	1,000.00 Daphnia magna	1,000.00 (96 hr), Scenedesmus subspicatus
Petroleum Distillates- (Proprietary)	Not Available	Not Available	Not Available
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts – (0068649-42-3)	Not Available	Not Available	Not Available
Calcium Sulfonate – (Proprietary)	Not Available	Not Available	Not Available
Carbamodithioic acid, dibutyl-methylene ester – (0010254-5706)	Not Available	Not Available	Not Available
Petroleum Distillates, Hydrotreated Heavy Paraffin 0 (0064742-54-7)	96h LC50:>5000 mg/L (Oncorhynchus mykiss)	Not Available	Not Available
Chlorinated Paraffin (Proprietary)	96h LC50:>300 mg/L (Lepomis macrochirus) 96h LC50:>100 mg/L (Pimephales promelas) 96h LC50: 94.5 – 271 mg/L (Oncorhynchus mykiss) 96h LC50:>0.1 mg/L (Lepomis macrochirus) 96h LC50:>0.0109 mg/L (Oncorhynchus mykiss)		

**Persistence and Degradability**

No information available.

**Bioaccumulation**

Not Measured

**Mobility in soil**

No data available.

**Results of PBT and vPvB assessment**

This product contains no PBT/vPvB chemicals.

**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>	Not regulated
<u>TDG</u>	Not regulated
<u>MEX</u>	Not regulated
<u>ICAO</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG/IMO</u>	Marine Pollutant: Yes
UN	UN 3082
Proper Shipping Name	Environmentally hazardous substances, liquid, n.o.s. (Alkanes, C14-17, Chloro)
Class	9
Packing Group	III
<u>RID</u>	Not regulated
<u>ADR</u>	Environmentally Hazardous: No – Not regulated
<u>ADN</u>	Not regulated

**15. REGULATORY INFORMATION**

International Inventories

**TSCA** All ingredients of this product are listed on the TSCA Inventory or are not required to be listed on the TSCA Inventory

**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(>0.1%):

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. Phosphorodithioic acid, O, O-di-C1-14-alkyl esters, zinc salts.

SARA 311/312 Hazard Categories

<b>Acute Health Hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	No
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	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
Arsenic	Cancer
Cadmium	Cancer
Lead	Cancer
Sulfur Dioxide	Developmental

**U.S. State Right-to-Know Regulations**

**International Regulations**

**Inventory-Australia – Inventory of Chemical Substances (AICS):**

Calcium Sulfonate  
 Carbamodithioic acid, dibutyl-, methylene ester  
 Distillate (petroleum) hydrotreated heavy naphthenic  
 Petroleum Distillates, Hydrotreated Heavy Paraffin  
 Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts

**Inventory – Japan Existing and New Chemical Substances (ENCS):**

Carbamodithioic acid, dibutyl-methylene ester (2-3522)  
 Distillate (petroleum) hydrotreated heavy naphthenic  
 Petroleum Distillates, Hydrotreated Heavy Paraffin

**Korean Existing Chemicals Inventory:**

Carbamodithioic acid, dibutyl-, methylene ester  
 Distillate (petroleum) hydrotreated heavy naphthenic  
 Petroleum Distillates, Hydrotreated Heavy Paraffin

**Inventory of Existing Chemical Substances in China:**

Calcium Sulfonate  
 Petroleum Distillates, Hydrotreated Heavy Paraffin  
 Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts

**Philippines Inventory of Chemicals and Chemical Substances (PICCS):**

Calcium Sulfonate  
 Carbamodithioic acid, dibutyl-methylene ester (2-3522)  
 Distillate (petroleum) hydrotreated heavy naphthenic  
 Petroleum Distillates, Hydrotreated Heavy Paraffin  
 Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts

**Taiwan List of Toxic Chemical Substances regulated under Toxic Chemical Substances Control Act:**

Not applicable

**Inventory – European Union – European Inventory of Existing Commercial Chemical Substances (EINECS):**

Calcium Sulfonate  
 Carbamodithioic acid, dibutyl-, methylene ester (233-593-1)  
 Distillate (petroleum) hydrotreated heavy naphthenic (265-155-0)  
 Petroleum Distillates, Hydrotreated Heavy Paraffin (265-157-1)  
 Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc sales (272-028-3)

**EU List of Notified Chemical Substances (ELINCS):**

Not applicable

**Mexico**



**National occupational exposure limits**

**Canada**  
**Inventory – Non-Domestic Substances List (NDSL):**  
 Not Applicable

**16. OTHER INFORMATION**

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

**Chronic Hazard Star Legend** \* = Chronic Health Hazard

<b>Prepared By</b>	
<b>Issuing Date</b>	01-July-2015
<b>Revision Date</b>	
<b>Revision Note</b>	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.

**End of Safety Data Sheet**

