

SAFETY DATA SHEET

Issuing Date 01-July-2015

Revision Date

Revision Number



The supplier identified below generated this SDS using the UL SDS template. UL did not test, certify, or approve the substance described in this SDS, and all information in this SDS was provided by the supplier or was reproduced from publically available regulatory data sources. UL makes no representations or warranties regarding the completeness or accuracy of the information in this SDS and disclaims all liability in connection with the use of this information or the substance described in this SDS. The layout, appearance and format of this SDS is © 2014 UL LLC. All rights reserved.

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 ollect)

Supplier Phone Number

Supplier Email

Emergency telephone number

Chem-Trec(US & Canada)
Chem-Trec (International)



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 (CO₂), 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

Physical State	Oil, Viscous liquid, Liquid	
Appearance	Oily Liquid	
Color	Amber	
Odor	Hydrocarbons Oily	
Odor Threshold	No information available	
<u>Property</u>	<u>Values</u>	<u>Remarks 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 (C)	>180	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(H²O=1):	No data available	
Water Solubility	Insoluble in water	None known
Dynamic viscosity (cSt 100C)	No data available	None known
Dynamic viscosity (cSt 40C)	No data available	
Explosive properties	No data available	
Oxidizing Properties	No data available	
Relative Density	.91	
<u>Other Information</u>		
Softening Point	No data available	
VOC Content g/l)	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

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
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

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
Issuing Date 01-July-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.

OUTPERFORMS OTHER PRODUCTS	OTHER OIL STABILIZERS	PROLONG SUPER HEAVY DUTY STABILIZER
TACKINESS AGENT	✓	✓
VISCOSITY MODIFIER	✓	✓
ANTI-WEAR AGENT	□	✓
ANTIOXIDANT	□	✓
EXTREME PRESSURE AGENT	□	✓
LUBRICITY STABILIZER	□	✓
ANTI-SCUFF AGENT	□	✓
DETERGENT INHIBITOR	□	✓
SEAL CONDITIONER	□	✓
METAL TREATMENT	□	✓

Add to oil as follows:

- Regular gasoline engines - Use 20% (1 qt. Oil Stabilizer with 4 qts. oil). For badly worn engines, use 40% (2 qts. Oil Stabilizer with 3 qts. oil.)
- Diesel engines (commercial, industrial, farm and fleet, marine) - 20% by volume.
- Manual Transmissions only, differentials and gear boxes- 20% by volume.
- Motorcycles, air compressors, lawnmowers, etc. - 20% by volume.

For maximum protection and performance, we recommend adding Prolong Engine Treatment every oil change.

