

# SAFETY DATA SHEET

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

### Product identifier

**Product Name** Prolong SPL100 Super Penetrating Lubricant Aerosol

**Other means of identification** PSL40010, PSL40020

**Synonyms** None

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

**Recommended Use** Penetrating Lubricant - Aerosol

**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  
United States  
**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

**GHS02 Flame**

**GHS Label elements, including precautionary statements**

### Emergency Overview

**OSHA Hazard: Irritant**

**Signal word:** Irritant, Reproductive toxicity; Flam. Gas 1.

**Hazard Statement:**

May cause harm to breast-fed children. Harmful to aquatic life with long lasting effects. Extremely flammable gas; Contains gas under pressure: may explode if heated.



**Appearance** Amber

**Physical State** Viscous liquid

**Odor** Mild chemical

### **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**

Extremely flammable gas.

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

Keep away from heat/sparks/open flames/hot surfaces. No smoking.

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

### **Precautionary Statements – Storage**

Contains gas under pressure; may explode if heated.

Leaking gas fire: Do not extinguish, unless leak can be stopped safely.

Eliminate all ignition sources if safe to do so.

Protect from sunlight. Store in a well ventilated place.

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**

0.27% of the mixture consists of ingredient(s) of unknown toxicity.

### **Other information**

May cause slight eye irritation.

### **Interactions with Other Chemicals**

No information available.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%	Trade Secret
Petroleum distillates, hydro treated light naphthenic	64742-53-6	50 - 85	
Alkanes, C14-16 chloro	Propriety	10 - 30	*
Petroleum Gases, liquefied, sweetened	68476-86-8	35	

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

### 4. FIRST AID MEASURES

#### First aid measures

##### **Eye Contact**

Avoid contact with eyes. If contact occurs, immediately flush eyes with water for a minimum of 15 minutes. Seek medical attention immediately.

##### **Skin Contact**

Avoid contact with skin. If contact occurs, wash contact areas with soap and water.

##### **Inhalation**

If respiratory irritation, dizziness, nausea or unconsciousness occurs due to excessive vapor or mist exposure, seek medical attention. If the operating conditions create airborne concentrations that exceed the exposure standard, the use of an approved NIOSH/OSHA respirator for organic vapors or air-supplied breathing equipment is recommended. Remove to fresh air.

##### **Ingestion**

Do not induce vomiting. If ingested, seek medical attention.

#### Most important symptoms and effects, both acute and delayed

#### Indication of any immediate medical attention and special treatment needed

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

#### **General Information**

If exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

#### **Notes to Physician**

Treat symptomatically.

### 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

During fire, gases hazardous to health may be formed.

##### **Uniform Fire Code**

Combustible Liquid: III-B

#### Hazardous Combustion Products

Normal combustion forms carbon dioxide and water vapor, and may produce oxides of sulfur 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.

**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. Protect against electrostatic charges. Do not spray onto a naked flame or any incandescent material. Emergency cooling must be available in case of nearby fire.

**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** None known based on information supplied.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Petroleum distillates, hydro treated light naphthenic 64742-53-6	5 mg/m <sup>3</sup> (as oil mist) 2 mg/m <sup>3</sup> (inhalable)	5 mg/m <sup>3</sup> (as oil 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** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir. 1992).



**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**

Chemical respirator with organic vapor cartridge and full face piece.

**Skin and Body Protection**

Use of an impervious apron is recommended.

**Respiratory Protection**

Chemical respirator with organic vapor cartridge and full face piece.

**Thermal Hazards**

Wear appropriate thermal protective clothing, when necessary.

**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.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical and Chemical Properties**

<b>Physical State</b>	Viscous liquid	
<b>Appearance</b>	Amber	
<b>Color</b>	No information available	
<b>Odor</b>	Mild chemical	
<b>Odor Threshold</b>	No information available	
	<b>Values</b>	<b>Remarks Method</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</b>	No data available	
<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</b>	No data available	
<b>Water Solubility</b>	Insoluble	None known
<b>Solubility in other solvents</b>	No data available	None known
<b>Partition coefficient: n-octanol/water</b>	No data available	None known
<b>Auto ignition temperature</b>	No data available	None known
<b>Decomposition temperature</b>	No data available	None known
<b>Kinematic viscosity</b>	No data available	None known
<b>Dynamic viscosity</b>	No data available	None known
<b>Explosive properties</b>	No data available	
<b>Oxidizing Properties</b>	No data available	
<b>Other Information</b>		
<b>Softening Point</b>	No data available	
<b>VOC Content (g/l)</b>	27	
<b>Particle Size</b>	No data available	
<b>Particle Size Distribution</b>		



**10. STABILITY AND REACTIVITY**

**Reactivity**

No data available.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

Used empty containers may contain product gases which form explosive mixtures with air. Reacts with strong oxidizing agents. Danger of receptacles bursting because of high vapor pressure when heated. Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomized.

**Hazardous Polymerization**

Hazardous polymerization does not occur.

**Conditions to avoid**

Keep ignition sources away – Do not smoke. Store away from oxidizing agents.

**Incompatible materials**

Strong oxidizing agents.

**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**

<b>Inhalation</b>	No adverse effects due to inhalation are expected
<b>Eye Contact</b>	Mild eye irritant.
<b>Skin Contact</b>	Mild skin irritant.
<b>Ingestion</b>	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. Petroleum distillates are known to cause cancer because of the potential for carcinogenic components present during manufacturing. These carcinogens are removed during refinement of the distillate. The petroleum distillate present in this product is highly refined and should not be considered a carcinogen. The classification pertaining to the chlorinated paraffin is applicable to commercial chlorinated paraffin's 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).

Chemical Name	ACGIH	IARC	NTP	OSHA
Petroleum distillates, hydro treated light naphthenic 64742-53-6				

*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 human or animal evidence.*

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

*This product is not listed as carcinogenic.*

<b>Reproductive Toxicity</b>	May cause harm to breast-fed babies.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Chronic Toxicity</b>	Prolonged exposure may cause chronic effects.
<b>Target Organ Effects</b>	Respiratory system. Eyes. Skin. Gastrointestinal tract (GI).
<b>Aspiration Hazard</b>	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.

**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)
Petroleum distillates, hydro treated light naphthenic 64742-53-6		96h LC50: > 5000 mg/L (Oncorhynchus mykiss)		48h EC50: > 1000 mg/L
Alkanes, C14-16 chloro		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)		24h EC50: = 102 mg/L

**Persistence and Degradability**

No information available.

**Bioaccumulation**

Chemical Name	Log Pow
Alkanes, C14-16 chloro	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 Code** 221

**14. TRANSPORT INFORMATION**

**DOT**  
**Proper Shipping Name** Consumer Commodity, ORM-D  
**Hazard Class** None  
**Label** None

**TDG** UN1950, Aerosols, Flammable, 2.1, Ltd. Qty.  
**MEX** UN1950, Aerosols, Flammable, 2.1, Ltd. Qty.  
**CAO** UN1950, Aerosols, Flammable, 2.1, Ltd. Qty.  
**IATA**

**Proper Shipping Name** UN1950, Aerosol, Flammable, 2.1, Ltd. Qty.  
**Hazard Class** 2.1

**IMDG/IMO** UN1950  
**UN proper shipping name** UN1950, Aerosols, Flammable, 2.1, Ltd. Qty.  
**Transport hazard class(es)**  
**Class** 2  
**Subsidiary risk** -  
**Label(s)** 2.1

**Packing group** None  
**Environmental hazards** Environmentally hazardous substances, liquid, n.o.s. (Alkanes, C14-17, Chloro)  
**Marine pollutant** Yes  
**EmS** F-D, S-U  
**Special precautions for user** Read safety instructions, SDS and Emergency procedures before handling.

**ADR**  
**Class** 2 2FGases.  
**Label** 2.1

**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 product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any





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)

**OSHA Specifically Regulated Substances(29 CFR 1910.1001-1050)**

Not Listed.

**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**

**California Proposition 65**

This product contains the following Proposition 65 chemicals.

Chemical Name	California Proposition 65

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

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Petroleum distillates, hydro treated light naphthenic 64742-53-6		X			X
Alkanes, C14-16 chloro		X			X
Petroleum gases, liquefied, sweetened 68476-86-8		X			

**International Regulations**

Canada

WHMIS Hazard Class

Non-controlled

**16. OTHER INFORMATION**

<b>NFPA</b>	<b>Health Hazards 1</b>	<b>Flammability 4</b>	<b>Instability 0</b>	<b>Physical and Chemical Hazards -</b>
<b>HMIS</b>	<b>Health Hazards 1*</b>	<b>Flammability 4</b>	<b>Physical Hazard 0</b>	<b>Personal Protection B</b>
<b>Chronic Hazard Star Legend * = Chronic Health Hazard</b>				

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<b>Revision Note</b>	No information available



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**End of Safety Data Sheet**