

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 (Non Aerosol)

Other means of identification PSL40016, PSL40050, PSL400225, PSL40060

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Penetrating Lubricant - Non-aerosol

Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Name GoldenWest Lubricants, Inc.

2. HAZARDS IDENTIFICATION

Classification

Irritant – GHS Classification 2

GHS Label elements, including precautionary statements

Emergency Overview

OSHA Hazard: Irritant

Signal word: Irritant, Reproductive toxicity.

Hazard Statement:

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



Appearance Brown

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

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

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	60 - 85	
Supplier Trade Secret	Proprietary	10 - 30	*

*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

Most Important Symptoms and Effects

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

Foam, water fog, dry chemical, CO₂.

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.

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 ³ (as oil mist) 2 mg/m ³ (inhalable)	5 mg/m ³ (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.



Engineering Measures

Showers
Eyewash Stations
Ventilation Systems

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**

Physical State	Viscous liquid
Appearance	Brown
Color	No information available
Odor	Mild chemical
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	166° C / 331° F	
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	.99	
Water Solubility	Insoluble	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Auto ignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Explosive properties	No data available	
Oxidizing Properties	No data available	

Other Information

Softening Point	No data available
VOC Content (Average Lod, WT. %)	10.62%
Particle Size	No data available
Particle Size Distribution	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

None known based on information supplied.

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

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

Information on toxicological effects

Symptoms	No information available.
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Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	No information available.
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Mutagenic Effects	No information available.
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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).
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Chemical Name	ACGIH	IARC	NTP	OSHA
Petroleum distillates, hydro treated light naphthenic 64742-53-6				
Supplier Trade Secret				

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.*

Reproductive Toxicity	May cause harm to breast-fed babies.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Chronic Toxicity	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.

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
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 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
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 Code

221

14. TRANSPORT INFORMATION**DOT****Proper Shipping Name**

Not Regulated

Hazard Class

Not Regulated

N/A

TDG

Not regulated

MEX

Not regulated

ICAO

Not regulated

IATA**Proper Shipping Name**

Not regulated

Hazard Class

Non Regulated

N/A

IMDG/IMO**UN proper shipping name**

UN3082

Transport hazard class(es)

Environmentally hazardous substances, liquid, n.o.s. (Alkanes, C14-17,Chloro)

Class

9

Subsidiary risk

-

Label(s)

9

Packing group

III

Environmental hazards**Marine pollutant**

Yes

EmS

Not available.

Special precautions for user

Read safety instructions, SDS and Emergency procedures before handling.

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 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.

U.S. 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
Supplier Trade Secret		X			X

International Regulations



Canada

WHMIS Hazard Class

Non-controlled

16. OTHER INFORMATION

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

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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.

End of Safety Data Sheet