

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.
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Pomona, CA 91768-3312
USA
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2. HAZARDS IDENTIFICATION

Classification

GHS02 Flame

GHS Label elements, including precautionary statements

Emergency Overview

OSHA Hazard: Irritant		Hazard Statement:	
Signal word: Irritant, Flam. Gas 1.		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. 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.

Other information

May cause slight eye irritation.



3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Weight-%	EC#
Petroleum distillates, hydro treated heavy naphthenic	64742-52-5	23-30	
Distillates (petroleum), hydrotreated light	64742-47-8	27-32	
Alkanes, C14-16 chloro	1372804-76-6	12-17	
Petroleum Gases, liquefied, sweetened	68476-86-8	20-29	
Calcium bis(di C8-C10, branched, C9-rich, alkylnaphthalenesulphonate) Synonym: Napthalenesulphonic Acid, Dinonyl-, Calcium Salt (2:1)	57855-77-3	1-3	939-717-7

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

Foam, Dry chemical. CO2, Halogenated Extinguishing Agent, Stop Gas Flow

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. 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 Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	Other Limits
Petroleum distillates, hydro treated heavy naphthenic 64742-52-5	5 mg/m ³ (as oil mist)	5 mg/m ³ (as oil mist)	
Alkanes, C14, chloro			0.057µg/cm ² skin absorption



1372804-76-6			rate OECD 428
Distillates (petroleum), hydrotreated light 64742-47-8	TWA: 200 mg/m ³ 8 hours Skin absorption		

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	Amber	
Color	No information available	
Odor	Mild chemical	
Odor Threshold	No information available	
	<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	No data available	
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	No data available	
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	
<u>Other Information</u>		



Softening Point No data available
 VOC Content (g/l) No data available
 Particle Size No data available
 Particle Size Distribution

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

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.

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.

Chemical Name	ACGIH	IARC	NTP	OSHA
Petroleum distillates, hydro treated heavy naphthenic 64742-52-5				

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.

STOT - single exposure No information available.
STOT - repeated exposure No information available.
Chronic Toxicity Prolonged exposure may cause chronic effects.

Aspiration Hazard Aspiration Hazard – Category 1

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)
Alkanes, C14, chloro		96h LC50: > 300 mg/L (Lepomis macrochirus) 96h LC50: > 100 mg/L (Pimephales promelas) 96h LC50: >0.1 mg/L (Oncorhynchus mykiss) 96h LC50: > 0.1 mg/L (Lepomis macrochirus)		24h EC50: = 102 mg/L
Distillates (petroleum), hydrotreated light	72h EC50: >1000 mg/l			48h LC50: >1000 mg/l

Persistence and Degradability

No information available.

Bioaccumulation

No data available

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	
UN proper shipping name	UN1950 (UN3802)
	UN1950, Aerosols, Flammable, 2.1, Ltd. Qty. (UN3802, environmentally hazardous substances, liquid n.o.s., Alkanes, C14, chloro)
Transport hazard class(es)	
Class	2 (9)
Subsidiary risk	-
Label(s)	2.1 (9)
Packing group	None (III)
Environmental hazards	Environmentally hazardous substances, liquid, n.o.s. (Alkanes, C14, Chloro)
Marine pollutant	Yes
EmS	Not available
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	Yes
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

International Regulations

Canada

WHMIS Hazard Class

Non-controlled

16. OTHER INFORMATION

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

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Disclaimer

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End of Safety Data Sheet

