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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.

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 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

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 | |
| Supplier Trade Secret | Proprietary | 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 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.

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 | |
| | Values | Remarks Method |
| pH | Unknown | None known |
| Melting / freezing point | No data available | None known |
| Boiling point / boiling range | No data available | None known |
| Flash Point | -136 °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 | 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 (%) | 24% | |
| 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. 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 | | | | |
| 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 | Not Regulated |
| Proper Shipping Name | Consumer Commodity, ORM-D |
| Hazard Class | None |
| Label | None |
| TDG | UN1950, Aerosols, Flammable, 2.1, Ltd. Qty. |



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 |
| Supplier Trade Secret | | X | | | X |
| Petroleum gases, liquefied, sweetened | | X | | | |

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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Revision Note No information available

Disclaimer

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End of Safety Data Sheet

