



## MATERIAL SAFETY DATA SHEET

Page 1 of 6

MSDS Code: SPL-100PL

Date Issued: 06/30/08

Replaces Issue: 11/01/07

### SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: PROLONG SPL-100 PENETRATING LUBRICANT  
(As Used on Label and List) BULK PACKAGE (NON-AEROSOL)

PRODUCT CODE: SPL-100

MANUFACTURER NAME AND ADDRESS:

GoldenWest Lubricants, Inc.  
1937 Mount Vernon Avenue  
Pomona, CA 91768

MANUFACTURER PHONE NUMBERS:

Phone: 909.865.1937  
FAX: 909.865.4448

FOR HEALTH OR HAZMAT EMERGENCY:

CHEM-TREC (US & Canada) 800.424.9300  
CHEM-TREC (International) 703-527.3887 (collect)

### SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT DEFINITION: Penetrating Lubricant CHEMICAL NATURE: Petroleum Hydrocarbon

PRODUCT	CAS # OF COMPONENTS	EXPOSURE GUIDELINES		
		LIMITS	AGENCY	TYPE
Petroleum Oxidate Ester		NOT ESTABLISHED		
CALCIUM ALKYLNAPHTHALENE SULFONATE/CARBOXYLATE		ORAL: LD50 (RAT) >2000 MG/KG (FHSLA, 21 CFR p191.1)		DERMAL: LD50 (RAB) >20 MG/1 (SPRAY) (FHSLA, 21 CFR p191.10)
Oil Mist, If Generated	None	5MG/M3 10 MG/M3 5 MG/M3	ACGIH ACGIH OSHA	TLV/TWA TLV/STEL PEL/CEILING: NONE
Distillate (Petroleum) Hydrotreated Light Naphthenic Oil	64742-53-6	5mg/m <sup>3</sup> 5mg/m <sup>3</sup>	ACGIH OSHA	TLV/STEL PEL/TWA
Proprietary Additives	Mixture			

Please note that the chemical identity of some or all of the above ingredients is confidential information and may be withheld as permitted by 29CFR 1910.1200 and Various State Right To Know Laws

### SECTION 3 - HAZARDS IDENTIFICATION

HEALTH HAZARDS: MAY CAUSE EYE AND SKIN IRRITATION. AVOID BREATHING VAPORS. PRE-EXISTING SKIN AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS MATERIAL. PROTECT AGAINST DECOMPOSITION PRODUCTS

PHYSICAL HAZARDS: LIQUID OR VAPOR MAY IGNITE. KEEP AWAY FROM ALL SOURCES OF IGNITION

PHYSICAL FORM: LIQUID  
APPEARANCE: CLEAR, LIGHT BROWN  
ODOR: SWEET (CONTAINS ODOR MASK)



## MATERIAL SAFETY DATA SHEET

Page 2 of 6

MSDS Code: SPL-100PL

Date Issued: 06/30/08

Replaces Issue: 11/01/07

HMIS CLASS: HEALTH:

1

FIRE: 1

REACTIVITY: 0

### SECTION 4 - FIRST AID MEASURES

- INHALATION:** Remove exposed person to fresh air if adverse effects are observed. Restore breathing. If irritation persists or if toxic symptoms are observed, get medical attention.
- SKIN CONTACT:** In case of skin contact, remove any contaminated clothing and wipe excess off. Wash skin with soap and water. Launder or dry clean clothing before reuse. Get medical attention if irritation persists or develops.
- EYE CONTACT:** Immediately flush eyes with large amounts of clear, cool water for at least 15 minutes, while holding eyelids open. Seek medical attention.
- INGESTION:** **Do not induce vomiting.** Keep victim's head below hips to prevent aspiration of liquid into the lungs. Seek immediate medical attention (call physician, poison control center or emergency room immediately).

**NOTE TO PHYSICIANS:** This material can enter lungs during swallowing or vomiting and can cause lung inflammation and/or damage.

### SECTION 5 - FIRE FIGHTING MEASURES

- FLASH POINT:** 330 DEG. F COC (TYPICAL)
- UPPER FLAMMABILITY LIMIT:** NOT DETERMINED
- LOWER FLAMMABILITY LIMIT:** NOT DETERMINED

**EXTINGUISHING MEDIA:** CO<sub>2</sub>, Dry Chemical and Foam.

**SPECIFIC HAZARDS:** Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Seek immediate medical attention.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Toxic fumes, gases or vapors may evolve on burning. Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources at locations distant from material handling point. Protect against decomposition products.

**SPECIFIC METHODS/ PROTECTION OF FIREFIGHTERS:** Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

**DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS:** Thermal decomposition products are highly dependent on the combustion conditions. A complex mixture of airborne solid, liquid, particulate, various hydrocarbons, and gases will evolve when this material undergoes combustion or pyrolysis. The following may be formed: fumes, smoke, oxides of carbon, hydrogen chloride, and other unidentified organic compounds.



## MATERIAL SAFETY DATA SHEET

Page 3 of 6

MSDS Code: SPL-100PL

Date Issued: 06/30/08

Replaces Issue: 11/01/07

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS:** Use only with adequate ventilation. Avoid breathing vapor and spray mist. Avoid contact with skin and eyes. Wash hands after use.

**ENVIRONMENTAL PRECAUTIONS:** Keep product out of sewers and watercourses.

**METHODS FOR CLEANING UP:** Remove all sources of ignition. Ventilate and remove with inert absorbent.

### SECTION 7 - HANDLING AND STORAGE

#### HANDLING

**TECHNICAL MEASURES:** Keep away from heat, sparks and open flame. Vapors will accumulate readily and may ignite explosively. During use and until all vapors are gone: Keep area ventilated - Do not smoke -

**PREVENTION OF USER EXPOSURE:** Avoid contact with eyes. Avoid contact with skin and clothing. Wash thoroughly after handling. Remove contaminated clothing and launder before reuse. Avoid inhalation of fumes. Handle in well-ventilated area. Do not take internally. Keep out of the reach of children. (See Sections 3, 5, 6 & 8.)

**PREVENTION OF FIRE AND EXPLOSION:** Isolate from heat, electrical equipment, sparks, and open flame. Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition. Consult NFPA Code. Use approved Bonding and Grounding procedures. Contents under pressure. Do not puncture, incinerate, or expose to temperature above 120°F. Heat from sunlight, radiators, stoves, hot water, or other heat sources could cause container to burst. (See Section 5.)

**PRECAUTIONS:** Handle in a well-ventilated area.

**SAFE HANDLING ADVICE:** See Section 10.

#### STORAGE

**TECHNICAL MEASURES:** Keep away from heat, sparks and open flame. Vapors will accumulate readily and may ignite explosively.

**STORAGE CONDITIONS:** Store in a cool, dry ventilated area. Keep containers tightly closed and upright when not in use.

**INCOMPATIBLE PRODUCTS:** Refer to Section 10.

**PACKAGING MATERIALS:** The original 12oz Prolong Container is the recommended storage material for this product.

### SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

#### ENGINEERING MEASURES

**CONTROL PARAMETERS:** Not Required

#### PERSONAL PROTECTIVE EQUIPMENT

**RESPIRATORY PROTECTION:** If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

**HAND PROTECTION:** None required for normal application of aerosol products where minimal skin contact is expected. For long or repeated contact, wear chemical resistant gloves.

**EYE PROTECTION:** Wear safety spectacles with unperforated side-shields.



## MATERIAL SAFETY DATA SHEET

Page 4 of 6

MSDS Code: SPL-100PL

Date Issued: 06/30/08

Replaces Issue: 11/01/07

**SKIN AND BODY PROTECTION:** None required for normal application of aerosol products where minimal skin contact is expected. For long or repeated contact, wear chemical resistant gloves. Launder or dry clean clothing before reuse.

**HYGIENE MEASURES:** Minimize breathing vapor, mist or fumes. Avoid prolonged or repeated contact with skin. Remove contaminated clothing and launder or dry clean before reuse. Remove contaminated shoes and thoroughly clean before reuse. Cleanse skin thoroughly after contact. Use only with adequate ventilation. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid Clear Amber

**SOLUBILITY IN WATER (20°):** Negligible

**VISCOSITY:** 18.5 cSt @ 40EC (TYPICAL)

**GALLON WEIGHT:** 7.7 LBS (Density)

**BOILING POINT (°C):** Not Determined

**pH @ 25°C:** Not Determined

**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):** 0.92 @ 15.6C

**VAPOR PRESSURE (mm Hg):** Not Determined

**% VOLATILE BY VOLUME:** Not Determined

**VAPOR DENSITY (AIR = 1):** Not Determined

**FLASHPOINT (°C):** 330 DEG. F COC (TYPICAL)

**EVAPORATION RATE (Butyl Acetate = 1):** Not Determined

### SECTION 10 - STABILITY AND REACTIVITY

**STABILITY:** Stable under normal conditions of storage and handling.

**CONDITIONS TO AVOID:** Keep away from heat, sparks and open flame. Vapors will accumulate readily and may ignite explosively.

**MATERIALS TO AVOID:** None known.

**HAZARDOUS POLYMERIZATION:** Will not occur.

### SECTION 11 - TOXICOLOGICAL INFORMATION

**PRIMARY ROUTES OF ENTRY OR EXPOSURE:** Skin absorption, eye contact and inhalation.

**INHALATION:** If affected, remove from exposure. Restore breathing. Keep warm and quiet.

**SKIN:** Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before reuse.

**EYE:** Flush eyes with large amounts of water for 15 minutes. Seek medical attention.

**INGESTION:** Product not intended for ingestion. Seek medical attention.

**ACUTE TOXICITY:** Irritation of eyes, skin and respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possible death.

**CHRONIC TOXICITY:** No ingredient in this product is an IARC, NTP or OSHA listed carcinogen. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

**SPECIAL EFFECTS:** None known.



## MATERIAL SAFETY DATA SHEET

Page 5 of 6

MSDS Code: SPL-100PL

Date Issued: 06/30/08

Replaces Issue: 11/01/07

### SECTION 12 - ECOLOGICAL INFORMATION

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Remove all sources of ignition. Ventilate and remove with inert absorbent.

### SECTION 13 - DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHODS:** Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers. Do not incinerate or depressurize container. Dispose of in accordance with Federal, State and Local regulations regarding pollution.

### SECTION 14 - TRANSPORTATION INFORMATION

**DOT CLASSIFICATION:** Shipping Description for Bulk and Non-Bulk - Not Applicable

### SECTION 15 - REGULATORY INFORMATION

**HAZARD AND SAFETY LABEL COPY:** CAUTION: Exposure to heat may cause bursting. Do not puncture, crush, or burn this can, or store above 120°F. Do not spray near sparks, heat, open flames or any other source of ignition. Keep area well ventilated during use. DANGER: Extremely Flammable. Contents under pressure: Harmful or fatal if swallowed. This product does not contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

THE FOLLOWING INFORMATION MAY BE USEFUL IN COMPLYING WITH VARIOUS STATE AND FEDERAL LAWS AND REGULATIONS UNDER VARIOUS ENVIRONMENTAL STATUTES:

**THRESHOLD PLANNING QUANTITY (TPQ), EPA REGULATION 40 CFR 355 (SARA SECTIONS 301-304):** No TPQ for product or any constituent greater than 1% or 0.1% (carcinogen) for SARA Section 302.

**TOXIC CHEMICAL RELEASE REPORTING, EPA REGULATION 40 CFR 372 (SARA SECTION 313):** This product contains the following substances subject to the reporting requirements of SARA III Section 313 1986 and 40 CFR part 372:

None known

**REPORTABLE QUANTITY (RQ), EPA REGULATION 40 CFR 302 (CERCLA SECTION 102):** No RQ for product known to be greater than 1% or 0.1% (carcinogen).

**TSCA INVENTORY:** All components are listed on the TSCA inventory.

**WHIMIS:** Class D, Division 2, Subdivision B: Toxic Material

**NOTE:** State and local regulatory requirements may be more restrictive or otherwise different from US Federal regulations. Consult state and local regulations regarding other regulatory requirements.

### SECTION 16 - OTHER INFORMATION

The information and recommendation herein are, to the best of our knowledge and belief, accurate and reliable as of the date issued. Prolong Super Lubricants, Inc. does not warrant or guarantee their accuracy or reliability, and shall not be liable for any loss or damage arising out of the use thereof. The information and recommendations are offered for the user's consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use.

Since the conditions for use, handling, storage and disposal of this product are beyond Prolong Super Lubricants' Inc. control, it is the responsibility of the user both to determine safe conditions for use of this product and to assume liability for loss, damage or expense arising out of the improper use from any statement or omission in this MSDS.



## MATERIAL SAFETY DATA SHEET

Page 6 of 6

MSDS Code: SPL-100PL

Date Issued: 06/30/08

Replaces Issue: 11/01/07

Various government agencies, (e.g. DOT, EPA, FDA, etc.) may have specific policies concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this MSDS. The user should review these regulations to insure full compliance.

The recipient of a MSDS is responsible for acting in accordance with a risk assessment in regard of the conditions of product use and for taking necessary precautionary measures in a given work situation, and has the responsibility to keep the users informed about the hazards relevant to their individual workplace. The recipient of a MSDS is responsible for choosing the appropriate way of informing the users. When formulating the specific instructions for the workplace, the recipient should consider the general recommendations of the relevant MSDS. Since a MSDS is merely product-related, it cannot take into account all the possible situations that may arise at any given workplace.<sup>1</sup>

This MSDS is generated using an ISO 11014-1:994(E) Safety data sheet for chemical products International Standards, PART 1: Section 4 - General Aspects.

<sup>1</sup> Reference from ISO 11014-1:994(E), PART 1: Section 4.