



MATERIAL SAFETY DATA SHEET

Page 1 of 6

MSDS Code: OPB

Date Issued: 06/30/08

Replaces Issue: 04/02/07

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: PROLONG OCTANE POWER BOOST
(As Used on Label and List)

PRODUCT CODE: OPB

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: Mixture (Preparation)

CHEMICAL NATURE: Petroleum Hydrocarbon

PRODUCT	CAS # OF COMPONENTS	LIMITS	EXPOSURE GUIDELINES	
			AGENCY	TYPE
DISTILLATES, PETROLEUM, HYDROTREATED LIGHT NAPHTHENIC	64742-53-6			
PETROLEUM NAPHTHA	64742-88-7	100ppm TWA, 200ppm STEL (SUPPLIER RECOMMENDED EXPOSURE LIMIT		
POLYETHER AMINE				
METHYLCYCLOPENTADIENYL MANGANESE TRICARBONYL	12108-13-3	0.2 MG/M3	OSHA	PEL/TWA
OIL MIST, IF GENERATED	NONE	5 MG/M3 10 MG/M3 5 MG/M3	ACGIH ACGIH OSHA	TLV/TWA TLV/STEL PEL/CEILING: NONE

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: Harmful or fatal if swallowed. Vapors harmful. May cause skin and/or eye irritation. May cause chronic health effects. Keep out of reach of children. see section 11 for further information

PHYSICAL HAZARDS: Combustible Liquid. Liquid or vapor may ignite. Keep away from all sources of ignition. material is light sensitive. Keep away from direct or indirect light.

PHYSICAL FORM: Liquid
APPEARANCE: Straw Color Liquid
ODOR: Strong Petroleum



MATERIAL SAFETY DATA SHEET

Page 2 of 6

MSDS Code: OPB

Date Issued: 06/30/08

Replaces Issue: 04/02/07

SECTION 4 - FIRST AID MEASURES

INHALATION: Remove exposed person to fresh air if adverse effects are observed. If breathing is labored, administer oxygen. If breathing has stopped, apply artificial respiration using approved CPR techniques. If irritation persists or if toxic symptoms are observed, seek medical attention.

SKIN CONTACT: In case of skin contact, remove any contaminated clothing and wipe excess off. Wash skin with soap and water or a waterless hand cleaner followed by soap and water. Launder or dry clean clothing before reuse and discard shoes and other leather articles saturated with the material. Seek 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 if irritation persists or develop.

INGESTION: Do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention.

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: 240 DEG. F (115 DEG. C), COC (TYPICAL)
UPPER FLAMMABILITY LIMIT: Not Determined
LOWER FLAMMABILITY LIMIT: Not Determined

FIREFIGHTING PROCEDURES: Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive-pressure niosh approved self-contained breathing apparatus. Water may cause splattering. Material will float on water.

EXTINGUISHING MEDIA: CO2, dry chemical, or foam. Water can be used to cool and protect containers exposed to heat and flame.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Combustible liquid. Can form combustible mixtures at temperatures at or above flashpoint. Static discharge, material can accumulate static charges which can cause an incendiary electrical discharge. Toxic fumes or vapors may evolve on burning. This liquid is volatile and gives off invisible vapors. Either the liquid or vapor may settle in low areas or travel some distance along the ground or surface to ignition sources where they may ignite or explode. 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. Container may rupture on heating.

DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS: Thermal decomposition products are highly dependent on the combustion conditions. A complex mixture of airborne solid, liquid, particulates and gases will evolve when this material undergoes pyrolysis or combustion.

Fumes, smoke, carbon monoxide, carbon dioxide, aldehydes, oxides of manganese, and other products of incomplete combustion. Ammonia may be formed on burning in limited air supply. Propylamine, polyalkylglycols, and aliphatic alcohols may also be released.

NFPA CLASS: HEALTH: 2 FIRE: 1 REACTIVITY: 0

SECTION 6 - ACCIDENTAL RELEASE MEASURES



MATERIAL SAFETY DATA SHEET

Page 3 of 6

MSDS Code: OPB
CHEM-TREC (US & Canada)
CHEM-TREC (International)
U.S. Coast Guard National Response Center:

Date Issued: 06/30/08
800.424.9300
703.527.3887 (collect)
800.424.8802

Replaces Issue: 04/02/07

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition. Personnel protective equipment must be worn (see section 8). Minimize contact with skin and clothing. Ventilate spill area. Pick up free liquid with explosion proof or hand pump for recycle and/or disposal. Residual material can be absorbed on inert material. Do not use combustible materials such as sawdust. Keep product out of sewers and watercourses by diking or impounding. This product is an oil under 49 cfr (dot) part 130. If shipped by rail or highway in a tank with a capacity of 3,500 gallons or more, it is subject to the requirements of part 130. Advise authorities if product has entered or may enter sewers, watercourses, or extensive land areas. Warn occupants and shipping in surrounding and downwind areas of fire and explosion hazard and request all to stay clear. Assure conformity with applicable governmental regulations. Contact the coast guard national response center (800) 424-8802 if a spill of any amount is made into or upon u.s. navigable waters, the contiguous zone or adjoining shorelines.

WASTE DISPOSAL: Waste disposal should be in compliance with all federal, state, and local laws.

SEE SECTION 13 FOR FURTHER REGULATORY INFORMATION.

SECTION 7 - HANDLING AND STORAGE

"EMPTY" CONTAINER WARNING: "Empty" containers retain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks static electricity, or other sources of ignition; they may explode and cause injury or death. Do not attempt to clean since residue is difficult to remove. "empty" drums should be completely drained, properly bunged and promptly returned to a drum reconditioner. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

Keep container closed. Handle and open containers with care. Store in a cool, well ventilated, dry place away from incompatible materials. Do not handle or store near an open flame, heat or other sources of ignition. Protect material from direct sunlight. Material will accumulate static charges which may cause an electrical spark (ignition source). Use proper bonding and/or grounding procedures. Equip bulk storage tanks with overfill protection such as high level alarms or secondary containment. Store drums in area with secondary containment.

Avoid breathing of vapors. Avoid generating oil mists while handling. Avoid prolonged or repeated skin contact. Wash thoroughly after handling. Remove contaminated clothing and launder before reuse. Avoid inhalation of fumes. Minimal handling temperatures should be maintained. Excessive misting may cause slippery floors. Proper footwear required.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION: The use of local exhaust ventilation is recommended to control mists or vapors. Laboratory samples should be stored and handles in lab hood. Additional ventilation or exhaust may be required to maintain air concentration below recommended exposure limits. No smoking, flame or other ignition sources.

RESPIRATORY PROTECTION: Where concentrations in air may exceed the limits given in this msds and engineering, work practice or other means of exposure reduction are not adequate, niosh/msha approved full face respirator with a combination organic vapor and dust/mist cartridge if the recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill cleanups.



MATERIAL SAFETY DATA SHEET

Page 4 of 6

MSDS Code: OPB

Date Issued: 06/30/08

Replaces Issue: 04/02/07

PROTECTIVE GLOVES: Use chemical resistant gloves to avoid prolonged or repeated skin contact. Nitrile or neoprene gloves are recommended.

EYE PROTECTION: Wear chemical splash goggles or faceshield.

OTHER PROTECTIVE EQUIPMENT: Long sleeve shirt is recommended. Use of chemical-resistant suit or apron or other impervious clothing recommended when potential for contact with material exists. Chemically resistant boots recommended. Launder clothing before reuse.

WORK PRACTICES: Keep containers closed when not in use. Do not store near heat, sparks, flame or strong oxidants.

PERSONAL HYGIENE: Minimize breathing vapor, mist or fumes. Avoid prolonged or repeated contact with skin. Remove contaminated clothing; launder or dry-clean before re-use. Remove contaminated shoes and thoroughly clean before re-use; discard if oil-soaked. Cleanse skin thoroughly after contact, before breaks and meals, and at end of work period.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

SPECIFIC GRAVITY: 0.88 @ 15.6°C (TYPICAL)

VAPOR PRESSURE: NOT DETERMINED

% VOLATILE BY VOLUME: NOT DETERMINED

VAPOR DENSITY (AIR=1) NOT DETERMINED

SOLUBILITY IN WATER: NEGLIGIBLE

EVAPORATION RATE (n-BUTYL ACETATE =1) NOT DETERMINED

BOILING POINT: NOT DETERMINED

% SOLID: NIL

DENSITY OF PRODUCT: 7.3 LBS/GAL (TYPICAL)

VOLATILE ORGANIC COMPOUND (VOC) LBS/GAL: NOT DETERMINED

pH: NOT DETERMINED

VISCOSITY: 4.7 cSt @ 40°C (TYPICAL)

APPEARANCE: CLEAR STRAW COLORED LIQUID

ODOR: STRONG PETROLEUM

SECTION 10 - STABILITY AND REACTIVITY

STABILITY: Normally stable at moderately elevated temperatures and pressures.

MATERIALS TO AVOID: Strong oxidizing agents, high temperatures, and open flames or heat.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

PRIMARY ROUTES OF ENTRY: Skin Contact, Eye Contact, Inhalation, Oral

POTENTIAL HEALTH EFFECTS:

SKIN: May cause skin irritation, including redness, burning, drying and cracking of the skin. Prolonged or repeated skin contact as from clothing wet with material may cause dermatitis. Based on data from components or similar products.

EYE: May cause eye irritation. Based on data from components or similar products.



MATERIAL SAFETY DATA SHEET

Page 5 of 6

MSDS Code: OPB

Date Issued: 06/30/08

Replaces Issue: 04/02/07

INGESTION: May be harmful or fatal if swallowed. Aspiration of material due to vomiting can cause chemical pneumonitis, which can be fatal. Swallowing can cause severe irritation of the mouth, esophagus and stomach. Ingestion may cause CNS depression. Based on data from components or similar materials.

INHALATION/RESPIRATORY: Vapors can be harmful. Exposure to high concentration of vapor or mist may be irritating, and may aggravate asthma and inflammatory or fibrotic pulmonary disease. May cause headaches and dizziness, are anesthetic and may have other central nervous system effects. Based on data from components or similar materials.

AGGRAVATED CONDITIONS: Preexisting skin and respiratory disorders may be aggravated by exposure.

SYMPTOMS OF OVEREXPOSURE: Irritation as noted above. Aspiration pneumonitis may be evidenced by coughing; labored breathing and cyanosis (bluish skin); in severe cases may be fatal.

CHRONIC EFFECTS: Repeated overexposure to petroleum naphtha can cause nervous system damage.

REFER TO SECTION 13 FOR FURTHER INFORMATION.

VARIABLE AMONG INDIVIDUALS: Health studies have shown that many petroleum hydrocarbons and synthetic lubricants pose potential human health risks which may vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.

SECTION 12 - ECOLOGICAL INFORMATION

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Ventilate and remove with inert absorbent.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: Comply with all Federal, state and local laws.

NOTE: Waste disposal should be in compliance with all Federal, state and local laws.

SECTION 14 - TRANSPORTATION INFORMATION

DOT CLASSIFICATION: NOT REGULATED

DOT BULK SHIPPING CLASSIFICATION: NOT REGULATED

IMDG CODE: NOT REGULATED

SECTION 15 - REGULATORY INFORMATION

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



MATERIAL SAFETY DATA SHEET

Page 6 of 6

Date Issued: 06/30/08

Replaces Issue: 04/02/07

MSDS Code: OPB

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).

CALIFORNIA PROP 65: This product contains chemicals known to the state of California to cause cancer, birth defects, and/or reproductive harm.

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

WHIMIS: Class D, Division 2, Subdivision B: Toxic Material
Class B, Division 3, Combustible Liquids

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.

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.¹

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.

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