



Material Safety Data Sheet



Revised: 09/15/07

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Extengine, Inc.
940 South Coast Dr. Suite # 125
Costa Mesa CA 92626

PHONE NUMBERS:
Business hours: (714) 327-0262
24 hours: Chemtrec: (800) 424-9300
General MSDS: (714) 774-3569

Product Name: **ProOne XPL-101 Aerosol Penetrating Lubricant**
Chemical Name: White Lubricating Oil. CAS #: 64742-46-7
Common Name: White Lubricating Oil

SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

COMMON NAME	CHEMICAL NAME	CAS NO.	%
Hydro-Carbon Propellant		68476-86-8	Variable
Severely Hydro treated White Lubricating Oil		64742-46-7	Variable
Hydro treated White Lubricating Oil		64742-46-7	Variable
Alkanes, Petroleum distillates		63449-39-8	Variable
Petroleum distillates		63449-39-8	Variable

Contains no other ingredients now known to be hazardous as defined by OSHA 29 CFR 1910.1000(z).

SECTION 3 HAZARD IDENTIFICATION

Principal Hazards: Danger: Extremely Flammable "Contents Under Pressure"
This product releases Flammable Vapors as well.

Prolonged or repeated skin contact may cause dermatitis.
See section 11 for complete health hazard information.

Threshold Limits: The PEL (OSHA) and the TLV (ACGIH) is 5 mg/m₃ for oil mists.

Primary Routes of Exposure:

EYE May cause eye irritation if splashed into eyes, does not injure eye tissue.

SKIN Repeated or prolonged contact with skin may cause irritation which may lead to various skin disorders. Avoid prolonged skin contact.

INHALATION This material is an aspiration hazard and defats the skin. Breathing vapors of high concentrations may cause CNS depression. Use in well ventilated areas. High vapor concentrations may cause headaches, dizziness, drowsiness and other central nervous system affects, including death.

ORAL Ingestion may cause nausea, diarrhea and stomach discomfort. Possibly minimal toxicity.

Suspected Cancer Agent: Yes ___ No X

SECTION 4 FIRST AID MEASURES

ORAL	DO NOT INDUCE VOMITING. If conscious, give 2 glasses of water. Get immediate medical attention and call (available 24 hours) Chemtrec: (800) 424-9300
EYE	Flush with water at least 15 minutes. Get medical attention if eye irritation develops or persists.
SKIN	Wash immediately with soap and water. Remove soiled clothing. Get medical attention if irritation develops. Launder contaminated clothing.
INHALATION	Remove exposed person to fresh air. If breathing is labored, administer oxygen and obtain immediate medical attention. If irritation persists or if toxic symptoms are observed, get medical attention.

SECTION 5 FIRE FIGHTING MEASURES

FLASH POINT: >93°C (COC) >200° F

May release flammable vapors when heated above flash point.

EXTINGUISHING MEDIA Carbon Dioxide, dry chemical, or foam. Avoid using water. Using shielding to protect against bursting containers.

HAZARDOUS EXPOSURE Carbon monoxide and asphyxiants. Contents under pressure Aerosol containers may burst under fire conditions. Vapors are heavier than air and may travel along surfaces to remote ignition sources and flash back.

SPECIAL FIRE PROCEDURES Recommend SCBA. Use water only for cooling container. Water may cause splattering, or transport the flame.

FIRE / EXPLOSION HAZARDS This product releases Flammable Vapors as well. Danger: Extremely Flammable "Contents Under Pressure"

SECTION 6 ACCIDENTAL RELEASE MEASURES

Evacuate all non-essential personnel. Personal Protective Equipment must be worn, see PPE section 8 & 16. Remove sources of ignition. Prevent entry into sewers and waterways. Contain release, pick up free liquid for recycling or disposal. Residual liquid can be absorbed with inert material. Check DOT/CERCLA and other agencies for reporting requirements.

Prevent contamination to soil, waterway and sewer systems.

SECTION 7 HANDLING AND STORAGE

HANDLING Avoid prolonged skin contact, breathing vapors, and contaminated clothing. Use with adequate ventilation. Wear recommended protective equipment. Practice good personal hygiene after handling. Empty containers retain material residue. Do not cut, weld, braze, solder or expose containers to other ignition sources.

STORAGE =Store in closed containers of proper construction. Store away from ignition sources and in areas of good ventilation.

SECTION 8 EXPOSURE CONTROLS - PERSONAL PROTECTION

EXPOSURE LIMITS	TLV = 5 mg/m ³ as oil mist
VENTILATION	Use in areas of adequate ventilation. Use mechanical exhaust to control vapors or mists.
GLOVES	Use nitrile or neoprene gloves are recommended.
EYE PROTECTION	Safety glasses, goggles, or face shield are recommended.
RESPIRATORY	Use NIOSH/MSHA approved respirator with organic vapor cartridge and dust/mist cartridge is recommended exposure limit is exceeded. Self-contained breathing apparatus is recommended for confined space entry.
CLOTHING	Long sleeve shirt and apron when potential for skin contact. Wear neoprene or nitrile rubber boots when necessary to avoid contaminating shoes.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Light gold oily liquid	Ph:	n/d
BOILING POINT:	>221 °C / 430 °F	SOLUBILITY:	negligible
EVAPORATION POINT:	less than ether	SPECIFIC GRAVITY:	0.0.91
FLAMMABILITY:	combustible liquid (under pressure)	VAPOR DENSITY:	heavier than air
FLASH POINT:	>88 °C / 190 °F	VAPOR PRESSURE:	<0.01mm Hg @ 20 °C
ODOR:	petroleum	VOC,	25-30%:

SECTION 10 STABILITY AND REACTIVITY

STABILITY	Material is normally stable at ambient temperature and pressure.
CONDITIONS TO AVOID	Oxidizing agents. Do not heat above the flash point.
POLYMERIZATION	Will not occur.
DECOMPOSITION	Carbon dioxide, carbon monoxide.

SECTION 11 TOXICOLOGICAL INFORMATION

ORAL TOXICITY	Swallowing material may cause irritation of the gastrointestinal lining, nausea, vomiting, diarrhea, and abdominal pain.
EYE IRRITATION	Not expected to cause eye irritation.
SKIN IRRITATION	Not expected to be a primary skin irritant. Prolonged or repetitive contact may cause irritation.
CARCINOGENIC	This material has not been identified as a carcinogen by NTP, IARC, or OSHA.

SECTION 12 ECOLOGICAL INFORMATION

This material is not expected to have adverse affects on marine and plant life. Spills may contaminate drinking water.



SECTION 13 DISPOSAL CONSIDERATIONS

DISPOSAL Consult federal, state, and local regulations regarding disposal methods, Recycle used oil. Do not contaminate used oil with solvents or other chemicals.

SECTION 14 TRANSPORTATION INFORMATION

See 49 CFR part 171.8 through 178.510
DOT SHIPPING NAME: Oil, n.o.s.
DOT HAZARD CLASS: ORM-D Aerosol
UN/NA NUMBER:
GUIDE NUMBER: 27
IMDG CODE:

Materials classified as DOT Combustible Liquids (Flash Point > 141° F and < 200° F) are not regulated by DOT in containers of 110 gallons, or less for domestic shipments.

SECTION 15 REGULATORY INFORMATION

TSCA All components of this material are on the US TSCA inventory.
SARA 311 None
SARA 312 None
SARA 313 not listed
CAL PROP 65 not listed
RCRA not listed
CERCLA listed
Hazard Category For Section 311 & 312: Fire Hazard, Sudden Release of Pressure.

SECTION 16 OTHER INFORMATION

Table with 5 columns: Health, Fire, Reactivity, PPE. Rows for HMIS CODE, NFPA CODE, and PRECAUTIONARY LABELS.

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