



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 ACA+ Cutting Oil**
Chemical Name: Oil, n.o.s. CAS #: Mixture
Common Name: Petroleum lubricant

SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

COMMON NAME	CHEMICAL NAME	CAS NUMBER	%
Mineral oil	(Petroleum Hydrocarbon)	64741-97-5	variable

SECTION 3 HAZARD IDENTIFICATION

Principle Hazards: Prolonged or repeated exposure may cause chronic respiratory or skin diseases.

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.
- SKIN** May cause mild irritation. Repeated, prolonged skin contact may cause dermatitis. Also, the use of abrasive soaps or solvents to clean skin can promote dermatitis.
- INHALATION** Inhalation of mists can cause upper respiratory irritation. Inhalation of vapors is not normally a problem due to the low volatility of this product.
- ORAL** Irritating to the GI tract. May cause nausea, vomiting and diarrhea.

SECTION 4	FIRST AID MEASURES
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ORAL	If swallowed, <u>CALL A PHYSICIAN IMMEDIATELY</u> . Due to danger of aspiration, do not induce vomiting.
EYE	Flush with large amounts of water until irritation subsides. See a physician if irritation persists.
SKIN	Wash with mild soap and warm water after each exposure. Remove grossly contaminated clothing and launder before re-use. If irritation or redness develops, see a physician.
INHALATION	Remove to fresh air. If coughing and irritation develop, call a physician.

SECTION 5	FIRE FIGHTING MEASURES
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NFPA RATING:	Health:1	Fire 1:	1	Reactivity: 1	Other:0
FLASH POINT:	>177°C (COC)	350°F			

EXTINGUISHING MEDIA	Carbon Dioxide, dry chemical, foam, water spray
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HAZARDOUS EXPOSURE	Combustible material when exposed to sufficient heat and ignition. Isolate from oxidizers, heat, sparks, electrical equipment and open flame. Because of the potential for dense smoke to be created in a fire situation, fire fighters should wear an approved self-contained breathing apparatus.
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SPECIAL FIRE PROCEDURES	Use water spray, dry chemical, foam or carbon dioxide. Water or foam may cause frothing. Use water to keep fire exposed containers cool. Water spray may be used to flush spills away from exposures.
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SECTION 6	ACCIDENTAL RELEASE MEASURES
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Prevent entry to sewer or waterway. Mop up small spills with absorbent and discard in a tightly covered approved waste container. For large spills, dike area to prevent spread. Reclaim liquid by pumping into salvage tanks and clean up remainder with absorbent. Unless grossly contaminated, reclaimed material can be recycled.

SECTION 7

HANDLING AND STORAGE

HANDLING

Maintain containers upright with caps and bungs tightly secured. To maintain product usefulness, keep tops of barrels free of water at all times. Do not store where container can be subject to rain or water.

STORAGE

Store in well ventilated areas at temperatures below 49°C (120°F). Do not store near oxidizers or sources of heat, sparks or flame.

SECTION 8

EXPOSURE CONTROLS - PERSONAL PROTECTION

EXPOSURE
LIMITS

TLV = 5 mg/m³ as oil mist

VENTILATION

Use in areas of adequate ventilation. Use mechanical exhaust to control vapors or mists.

SKIN PROTECTION

Wear coated gloves impervious to oils, wash clothing before reuse. Wear shoes with soles which are impervious to oils.

EYE PROTECTION

Wear safety goggles if splashing or spraying is expected.

RESPIRATORY PROTECTION

Not normally required. However, when exposures over the PEL/TLV are encountered and engineering or other controls are not adequate to reduce airborne concentrations to below the PEL/TLV, use a half mask respirator with cartridges approved for use with organic vapors.

HYGENIC PRACTICES
AND CLOTHING

Wash thoroughly before meals, breaks, and at the end of work period. Remove contaminated clothing and launder before reuse. Do not use abrasive soaps or solvents.

SECTION 9

PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM: Oily liquid

BOILING POINT: > 374°F

EVAPORATION RATE (water = 1): < .01

Vapor Density (air = 1): < .1

SOLUBILITY IN WATER: Negligible

SPECIFIC GRAVITY: .84 to .90

SECTION 10	STABILITY AND REACTIVITY
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STABILITY	Product is stable under normal conditions.
CONDITIONS TO AVOID	Exposure to strong oxidizers, heat, flame, sources of spark or ignition
POLYMERIZATION	Cannot occur.
INCOMPATIBILITIES:	Strong oxidizing agents, KOH, NaOH, NaAlH ₂ , LiAlH ₂ , Chromic Acid.
DECOMPOSITION	Carbon Monoxide, Carbon Dioxide from burning. When heated to decomposition, fumes can react with oxidizing materials forming NO _x , SO _x , H ₂ S.

SECTION 11	ECOLOGICAL INFORMATION
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Not determined.

SECTION 12	DISPOSAL CONSIDERATIONS
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DISPOSAL Recycle when appropriate. If heavily contaminated or judged unsuitable for recycling, place waste in suitable approved container. Seal and properly label the waste container. Send the container to an approved Transportation, Storage and Disposal (TSD) facility via an approved waste hauler. Be sure manifests have been completed and an adequate "Paper trail" has been established.

SECTION 13	TRANSPORTATION INFORMATION
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DOT SHIPPING NAME	Not Regulated	DOT LABEL	None
DOT HAZARD CLASS	None	UN/NA NUMBER	None
PACKAGING GROUP	None	FLAMMABILITY CLASS	N/A



SECTION 14

REGULATORY INFORMATION

OSHA STATUS

This product is considered hazardous under OSHA criteria (see Section II).

TSCA STATUS

Components of this product are included in the TSCA Chemical Inventory.

CERCLA REPORTABLE QUANTITY

N/A

SARA TITLE III

SECTION 302 EXTREMELY HAZARDOUS: This product contains no extremely hazardous substances as defined and listed in section #302

SECTION 311/312 HAZARD CATEGORIES: Reportable as a hazardous substance. Check with your Local Emergency Planning Committee for reportable quantities.

SECTION 313 TOXIC CHEMICALS: This product is not reportable under Section #313.

SECTION 15

DISCLAIMER

AS OF THE DATE OF THIS DOCUMENT, THE FOREGOING INFORMATION IS BELIEVED TO BE ACCURATE AND IS PROVIDED IN GOOD FAITH TO COMPLY WITH APPLICABLE FEDERAL AND STATE LAWS. HOWEVER, NO WARRANTY OR REPRESENTATION OF LAW OR FACT, WITH RESPECT TO SUCH INFORMATION, IS INTENDED OR GIVEN.

