

**SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**Lubricating Base Oil**

AR2003, AR2004, AR2005, AR2006, AR2007, AR2008, AR2009, AR2010, AR2011, AR2012, AR2013, AR2014, AR2015, AR2830, AR2831, AR2832, AR2833, AR2834, AR2835, AR2836, AR2837, AR2838, AR2839, AR2857, AR2858, AR2864, AR2900, AR2901, AR2902, AR2903, AR2904, AR2905, AR2930, AR2931, AR2932, AR2933, AR2934, AR2935, AR2936, AR2937, AR2938, AR2939, AR3120, AR3163, AR3500, AR3501, AR3502, AR3503, AR3503, AR3504, AR3505, AR3506, AR3507, AR3510, , AR3520, AR3521, AR3522, AR3523, AR3524, AR3525, AR3526, AR3527, AR3528, AR6300, AR6301, AR6302, AR6303, AR6304, AR6305, AR 000, APS1065, DMR1512M, DMR1512, DMR1073, DMR1993, DMR2063, (DMR “specials” referred to as lube oil standards)

This product is intended for laboratory use.

**Alpha Resources Inc. 3090 Johnson Rd. Stevensville, MI 49127 (269)465-5559**

**CHEMTREC Emergency Phone Number: (800) 424-9300**

**Signal Word: None**

**SECTION 2— HAZARDS IDENTIFICATION**

Physical Hazard: Not classified  
 Health Hazard: Not classified  
 OSHA Defined Hazard: Combustible dust  
 Hazard Statements: N/A  
 Precautionary Statements: N/A


**SECTION 3— COMPOSITION, INFORMATION ON INGREDIENTS**

Component	CAS #	Common %
Lubricating Base Oil	varies	100

Lubricating Base Oil contains various concentrations of elements specified on Certificates of Analysis. Components are listed as in compliance with OSHA 29CFR 1910.1200

**SECTION 4— FIRST AID MEASURES**

**If inhaled:** Remove victim to fresh air and keep at rest in a position comfortable for breathing (P304+P340). If breathing is difficult qualified personnel may administer Oxygen.  
**If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing (P305+P351+P338). **If eye irritation persists:** Get medical advice or attention (P337+P313).  
**If on skin:** Wash with plenty of water. (P302+P352). If persists seek medical attention and bring label. Thoroughly clean and dry contaminated clothing or shoes.  
**If swallowed:** If adverse effects occur after ingestion, seek medical attention.

**Most Important Symptom:** May cause irritation to eyes, skin, and respiratory system.

---

## SECTION 5 — FIRE FIGHTING MEASURES

---

**Fire Hazards:** Negligible fire hazard. Oil must be preheated before ignition will occur.

**Extinguishing Media:** Use extinguishing agents appropriate to surrounding fire.

**Fire-Fighting Equipment/Instructions:** Move bottle from fire zone, if it can be done without risk. Avoid breathing in of material or combustion by-products. Put protective clothing and NIOSH approved self-contained breathing apparatus.

NFPA Rating: Health=1      Fire=0      Reactivity=0

---

## SECTION 6 — ACCIDENTAL RELEASE MEASURES

---

**Personal Precautions, Protective equipment, and emergency procedures:** Use suitable protective equipment.

**Methods and Materials for clean up:** Don't touch the material that has been released. Use sand or other non-combustible material to soak up and collect in a vessel for proper disposal.

---

## SECTION 7 — HANDLING AND STORAGE

---

**Handling:** Personal protection equipment should be used while working with these materials.

**Storage:** Store in a cool, dry place and keep sealed. Follow all regulations or standards that apply. Keep separate from incompatible materials.

---

## SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION

---

**Personal Protection:** Wear protective gloves, protective clothing, and eye protection (P280). Wash hands thoroughly after handling (P264). Chemical resistant gloves should be worn at all times when handling chemicals. Wear splash resistant safety goggles with a shield.

**Engineering Controls:** Proper ventilation should be used when appropriate (P271). An approved NIOSH respirator should be worn if exposure limits are excessive. Eye wash stations are important to have nearby in case of accident.

OSHA (PEL): 5mg/m<sup>3</sup>(TWA)

NIOSH (REL): 5mg/m<sup>3</sup>(TWA)

10mg/m<sup>3</sup>(STEL)

ACGIH (TLV): 5mg/m<sup>3</sup> (TWA, excluding metal working fluids, highly and severely refined, inhalable fractions).

---

## SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

---

Clear to yellow liquid	Odor: varying	Specific gravity: N/A
Melting/Freezing Point: N/A	Boiling Point: N/A	Relative Density: varies
Refractive index: N/A	Soluble: Insoluble in water	Evaporation Rate: N/A
Flash point: N/A	Auto-Ignition Temperature: N/A	
Explosive limits, LEL Vol%: N/A	Explosive limits, UEL Vol%: N/A	

---

## SECTION 10 — STABILITY AND REACTIVITY

---

Stable material at normal laboratory conditions. Not reactive at normal temperature and pressure.

Avoid: Avoid heat, flames, sparks, and any other ignition sources.

Incompatible: Oxidizing materials

Hazardous Decomposition: Thermal decomposition will produce Oxides of Carbon

Hazardous Polymerization: None

---

## SECTION 11 — TOXICOLOGICAL INFORMATION

---

**Exposure:** Takes place by three routes; inhalation, skin, and ingestion.

**Symptoms related to toxicology:** Could cause irritation to the eyes, skin, and respiratory system.

### Potential Health Effects

**Inhalation:** Could cause irritation to respiratory tract if oil mist is inhaled.

**Skin, eye, and ingestion:** Contact with the skin could cause irritation. Oil folliculitis could result from chemical irritation and physical plugging of hair follicles. Contact with eyes could result in irritation and chronic exposure could result in conjunctivitis. Gastrointestinal problems might follow ingestion in the form of nausea, vomiting, and diarrhea.

**Acute Toxicity:** Not classified.

**Skin Corrosion/Irritation:** No data

**Serious eye damage/irritation:** No data

**Skin sensitization:** No data

**Germ cell mutagenicity:** No data

**Reproductive toxicity:** No data

**Listed as NOT a carcinogen or potential carcinogen. Lubricating base oil is listed as a Group 3(Not classifiable as to its carcinogenicity to humans) by IARC. Also, listed as not a carcinogen by OSHA.**

---

## SECTION 12 — ECOLOGICAL INFORMATION

---

**Ecotoxicity Data:** Fish-Fathead minnow LC [flow through]: 5035mg/L (96hr)  
Fathead minnow LC50 [static]: >10000mg/L (96hr)

**Persistence and Degradability:** No data

**Bio-accumulative Potential:** 45.81

**Mobility in Soil:** No data

---

## SECTION 13 — DISPOSAL CONSIDERATIONS

---

Waste disposal should be done in compliance with existing federal, state and local environmental regulations. Do not contaminate any streams, lakes, or ponds.

---

## SECTION 14 — TRANSPORT INFORMATION

---

United States Department of Transportation: NOT Regulated

---

**SECTION 15 — REGULATORY INFORMATION**

---

U.S. Federal Regulations

TSCA Status: Not listed on Toxic Substance Control Act Inventory List.

CERCLA Reportable Quantity: Not regulated

RCRA Status: Not regulated

SARA 313 Title III:

Section 302 Extremely Hazardous Substances: None

Section 311/312 Hazardous Categories: None

Section 313 Toxic Chemicals: None

Canadian Regulations

WHMIS: None

---

**SECTION 16 — OTHER INFORMATION**

---

The data and information as stated was furnished by the manufacturer/vendor/supplier of this product. Alpha Resources Inc. cannot warrant the accuracy of this information and shall not be responsible or liable for any damage that may result, should any of the information be erroneous.