

**SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION****Diesel Standard (Exxsol D)**

AR2821, AR2822, AR2823, AR2824, AR2825, AR2826, AR2827, AR2828, AR2829, AR2865, AR2866, AR2867, AR2868, AR2869, AR2870, AR2871, AR2872, AR2873, AR2874, AR2875, AR2876, AR2877, AR2878, AR2960, AR2961, AR2962, AR2963, AR2964, AR2965, AR3119

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: DANGER

**SECTION 2— HAZARDS IDENTIFICATION**

**Hazard Classification:** Aspiration toxicant (category 1), flammable liquid (category 4)

**Hazard Statement:** May be fatal if swallowed and enters airways (H304). Combustible liquid (H227).

**Precautionary Statements:** Keep away from flames and hot surfaces, no smoking (P210), wear protective gloves and eye/face protection (P280), Store locked up (P405), store in a well ventilated place, keep cool (P403+P325), and dispose of contents and container in accordance to local codes or regulations (P501).

**First aid Statements:** If swallowed immediately call a poison center or doctor (P301+P310), DON'T induce vomiting (P331), If skin irritation occurs: get medical advice/attention (P332+P313)

**Physical/Chemical Hazards:** Materials can build-up static charges that can lead to ignition. This product can release vapors that readily form flammable mixtures. Vapor build-up could flash or explode if ignited.

**SECTION 3— COMPOSITION, INFORMATION ON INGREDIENTS****Hazardous substance required for disclosure.**

Component	CAS #	Common %
Distillates (Petroleum), Hydrotreated Light	64742-47-8	<100

As per paragraph (i) of 29 CFR 1910.1200, formulation is considered a trade secret and specific chemical identity and exact percentage of composition may have been withheld. Specific chemical identity and exact percentage composition will be provided to health professionals, employees, or designated representatives in accordance with applicable provision of paragraph (i).

**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 not breathing give artificial respiration when qualified. When providing assistance avoid exposure to yourself and others.

**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.

**If swallowed:** Aspiration hazard: do not induce vomiting. If vomiting begins, keep head lower than hips to prevent aspiration. Get immediate medical attention or give artificial respiration if not breathing. Note: if swallowed material may be aspirated into the lungs and cause chemical pneumonitis. Treat accordingly.

---

## SECTION 5 — FIRE FIGHTING MEASURES

---

**Appropriate Extinguishing Media:** Use water fog, foam, dry chemical or carbon dioxide to extinguish flames.

**Inappropriate Extinguishing Media:** Don't use straight streams of water.

**Fire Fighting Instructions:** Evacuate area. Protect drinking water, sewers, and streams from any possibly runoff from fire. Firefighters should use standard protective equipment including self-contained breathing apparatus. Water spray can be a good way to cool fire exposed surfaces and protect personnel.

**Hazardous Combustion Products:** Oxides of Carbon, smoke, fumes, and incomplete combustion products.

Flammability Properties: Flash Point: 114°C Flammable Limits: LEL 0.5% in air UEL 4.7% in air

Auto-ignition Temperature: 220 °C

---

## SECTION 6 — ACCIDENTAL RELEASE MEASURES

---

**Notification:** In the event of a large spill or release the proper authorities should be notified when applicable. US regulations state that releases of material to the environment that exceeds applicable reportable quantity or oil spill which could reach any waterway.

**Large spills:** Require a full body suit of chemical resistance and antistatic material when available.

**Small spills:** Antistatic work clothes are usually enough protection for small releases.

**Environmental Precautions:** When a large spill is being contained, dike far ahead of liquid spill for later recovery and removal. Prevent entrance into sewers, confined areas, basements, and waterways.

---

## SECTION 7 — HANDLING AND STORAGE

---

**Handling:** Avoid any contact with bare skin. Material can build-up static energy that can cause an electrical spark. Be careful pouring to keep spillage to a minimum. Use proper ground and bonding procedures when handling bulk. This bonding and grounding might still allow for static build-up.

**Storage:** This product should be stored in a cool, dry place and kept sealed (P233) when not in use. Also, this material is subject to storage regulations where grounding and bonding required. Store in a well ventilated area. Don't store in an open or container without a proper label. Keep separate from oxidizing materials and halogens. Pressure build-up common; open container slowly.

---

## SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION

---

### Exposure Limit Values

Material	Form	Limit/Standard			
Distillates (Petroleum) Hydrotreated Light	Vapor	RCP-TWA	1200mg/m <sup>3</sup>	143ppm	Total Hydrocarbons

Not: Limits/standards shown for guidance only. Follow regulations.

**Engineering Controls:** Proper ventilation must be available to be certain exposure limits are not exceeded.

**Personal Protection:** Respiratory protection could be required if adequate ventilation has not been achieved.

**Hand Protection:** Glove suitability will differ depending on the end use of product. Chemical resistant gloves can provide an excellent barrier of protection.

**Eye protection:** Safety glasses with side shields are necessary if splashing is possible.

**Skin and Body Protection:** Chemical and oil resistant clothing are recommended for extended periods of contact.

**Hygiene:** Wash hands and areas of possible exposure after handling material especially before eating, drinking, and smoking. The work clothing should also be washed regularly to remove any contaminants. Dispose of contaminated clothing that can't be deemed safe.

---

**SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES**

---

**Note: Physical and chemical properties are provided for safety, health, and environmental considerations only and may not represent the products specifications. Contact supplier for additional information.**

Colorless liquid; oily free-flowing	Petroleum Odor	Specific gravity: 0.8
Pour Point: -20°C	Boiling Point: 248-265 °C	Vapor Density: 7 at 101kPa
Refractive index: 1.5	Soluble: In water negligible	
Flash point: 114 °C	Auto-Ignition Temperature: 220 °C	

---

**SECTION 10 — STABILITY AND REACTIVITY**

---

Stable material at normal laboratory conditions.

Avoid: Heat, flames, sparks, and any other ignition sources. Containers could rupture or explode if heat is extreme. This material should be kept away from water supplies and sewers.

Incompatible: Oxidizing materials

Hazardous Decomposition: No decomposition at ambient temp.      Hazardous Polymerization: None

Reactivity: See sections below.

---

**SECTION 11 — TOXICOLOGICAL INFORMATION**

---

<b>Hazard Class</b>	<b>Conclusion / Remarks</b>
<b>Inhalation</b>	
Acute Toxicity: (Rat) 4 hour(s) LC50 > 5000 mg/m3 (Vapor)	Minimally Toxic. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 403
Irritation: No end point data for material.	Negligible hazard at ambient/normal handling temperatures.
<b>Ingestion</b>	
Acute Toxicity (Rat): LD50 > 5000 mg/kg	Minimally Toxic. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 401
<b>Skin</b>	
Acute Toxicity (Rabbit): LD50 > 5000 mg/kg	Minimally Toxic. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 402
Skin Corrosion/Irritation: Data available.	May dry the skin leading to discomfort and dermatitis. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 404
<b>Eye</b>	
Serious Eye Damage/Irritation: Data available.	May cause mild, short-lasting discomfort to eyes. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 405
<b>Sensitization</b>	
Respiratory Sensitization: No end point data for material.	Not expected to be a respiratory sensitizer.
Skin Sensitization: Data available.	Not expected to be a skin sensitizer. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 406
<b>Aspiration:</b> Data available.	May be fatal if swallowed and enters airways. Based on physico-chemical properties of the material.
<b>Germ Cell Mutagenicity:</b> Data available.	Not expected to be a germ cell mutagen. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 471 473 474 476 478 479
<b>Carcinogenicity:</b> Data available.	Not expected to cause cancer. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 453
<b>Reproductive Toxicity:</b> Data available.	Not expected to be a reproductive toxicant. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 414 421 422
<b>Lactation:</b> No end point data for material.	Not expected to cause harm to breast-fed children.
<b>Specific Target Organ Toxicity (STOT)</b>	

Single Exposure: No end point data for material.	Not expected to cause organ damage from a single exposure.
Repeated Exposure: Data available.	Not expected to cause organ damage from prolonged or repeated exposure. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 408 413

---

## **SECTION 12 — ECOLOGICAL INFORMATION**

Eco-toxicity Data: Not expected to be harmful or toxic to aquatic life.

Mobility: Low solubility allows floating of material and movement from water to land is evident.

Bio-degradation: Expected to readily biodegrade.

Hydrolysis: Not expected to be significant due to transformation.

Atmospheric oxidation: Will degrade rapidly in air.

---

## **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. Product isn't considered hazardous waste by (40 CFR, Part 261D), and also doesn't contain materials that are listed as hazardous wastes. Used product may be regulated.

---

## **SECTION 14 — TRANSPORT INFORMATION**

Not regulated for land/air/sea transport by DOT/TDG/IMDG/IATA

---

## **SECTION 15 — REGULATORY INFORMATION**

This material is considered hazardous according to OSHA HazCom 2012, 29CFR 1910.1200

U.S. Federal Regulations

TSCA Status: Exempt from 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: Immediate health/delayed health

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.

P

---