

# MSDS Document

## Product Enlube Air Line Oil-10W

### 1. Chemical Product and Company Identification

#### Product Enlube Air Line Oil-10W

**Synonyms:** Petroleum Hydrocarbon Oil Blend

**MSDS ID** EL889

Engineered Lubricants Co.  
11525 Rock Island Court  
Maryland Heights , MO 63043

**Contact Name**

msds@englube.com

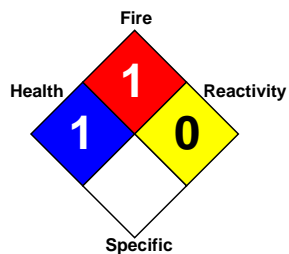
**Phone Number**

(314)872-9540 X3033

**Emergency Phone**

(800)424-9300

**Revision Date** 12/1/2011



Health:	1
Fire:	1
Reactivity:	0
Specific	

### 2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Exact chemical identity withheld as Trade Secret-per OSHA CFR 1910.1200(i).	00000				
Distillates, petroleum, hydrotreated heavy naphthenic	64742-52-5		5 mg/m <sup>3</sup> -TWA	5 mg/m <sup>3</sup> -TWA	OIL MIST

### 3. Hazard Identification

#### Emergency Overview

## APPEARANCE

Light golden yellow. LIQUID.

## PHYSICAL HAZARDS

NONE

## HEALTH HAZARDS

### Potential Health Effects

#### Eye

Non-irritating to the eyes.

#### Skin

No hazard in normal industrial use.

#### Ingestion

No hazard in normal industrial use.

#### Inhalation

Mist or vapors may cause irritation of mucous membranes and upper respiratory tract.

## 4. First Aid Information

#### Eye

Flush thoroughly with water. If irritation occurs get medical assistance

#### Skin

Wash with soap and water. Get medical attention if irritation develops or persists.

#### Inhalation

If breathing is difficult move to fresh air. Call a physician if symptoms develop or persist.

#### Ingestion

Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately.

## 5. Fire Fighting Measures

<b>Flash Point</b>	315 F
<b>FP Method</b>	COC (ASTM D93)

#### Flammable Properties

Not flammable by OSHA criteria.

#### Extinguishing Media

Water fog, Dry chemical, Foam, or CO2.

#### Inappropriate Extinguishing Media

Straight Streams of Water.

### **Fire fighting instructions**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Move containers from fire area if you can do so without risk.

### **HAZARDOUS COMBUSTION PRODUCTS**

Toxic fumes, gases or vapors may evolve on burning or exposure to heat. Material may contain hydrogen sulfide.

## **6. Accidental Release Measures**

### **PERSONAL PRECAUTIONS**

Wear a self-contained breathing apparatus and appropriate Personal protection. (See Exposure Controls/Personal Protection section.)

### **METHODS FOR CONTAINMENT AND CLEAN UP**

#### **Containment**

Eliminate all ignition sources. Stop the flow of material, if this can be done without risk. Dike the spilled material, where this is possible. Prevent entry into waterways, sewers, basement or confined areas.

#### **Clean-up**

Forms smooth, slippery surfaces on floors, posing an accident risk. Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. After removal, flush contaminated area thoroughly with water.

## **7. Handling and Storage**

### **Handling**

Avoid contact with eyes, skin, and clothing. Do not reuse this container.

### **Storage**

Do not store in direct sunlight. Keep away from heat, sparks, and flame. Keep container closed when not in use.

## **8. Exposure Controls and Personal Protection**

### **EXPOSURE LIMITS**

#### **OIL MIST**

OSHA PEL: MIST 5 MG/M3 8 HRS;

ACGIH TLV: MIST 5 MG/M3 8 HRS

### **PERSONAL PROTECTION**

#### **Specific Hygiene Measures**

Always observe good personal hygiene measures, such as washing after handling the material

before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned. Practice good housekeeping.

#### **Eye**

Wear safety glasses.

#### **Skin Protection**

Protective gloves and clothing are recommended.

#### **Respirators**

A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

#### **Engineering controls**

Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

## **9. Physical and Chemical Properties**

<b>Physical State</b>	Liquid
<b>Specific Gravity</b>	0.91
<b>Density lbs/Gal.</b>	7.58
<b>Color/Appearance</b>	Light Amber
<b>Odor</b>	Mild
<b>pH</b>	Not Determined
<b>Boiling/Cond. Point</b>	> 350 F
<b>Melting/Freezing Point</b>	Not Determined
<b>Solubility</b>	Insoluble in water
<b>Evaporation Rate</b>	Not Determined
<b>VOC %</b>	4.86 (E1868-110 Min @ 81 C)
<b>Percent Volatile</b>	Negligible
<b>Molecular Formula</b>	Not Determined
<b>Viscosity</b>	23.6 cSt @ 100F
<b>Vapor Density</b>	Not Determined
<b>Vapor Pressure</b>	Not Determined

## **10. Stability and Reactivity**

#### **Stability**

Material is stable under normal conditions.

#### **Conditions To Avoid**

Excessive heat. High energy sources of ignition

#### **Incompatible Materials**

Strong oxidizers. Halogens and halogenated compounds.

#### **Thermal Decomposition**

Smoke, carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion. Toxic fumes, gases or vapors may evolve on burning or exposure to heat. Material may contain hydrogen sulfide.

## 11. Toxicological Information

### ACUTE ORAL TOXICITY

Data obtained on components: # 64742-52-5: LD50/ oral/ rabbit: > 5000mg/kg.

### ACUTE DERMAL TOXICITY

#### 64742-52-5

Data obtained on components: # 64742-52-5: LD50/ dermal/ rabbit: > 5000mg/kg.

### ACUTE INHALATION TOXICITY

No data available.

### Sensitization

Not applicable.

### Chronic Effects

Not applicable.

### Carcinogenicity

The major components of this product are not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

### Reproductive Effects

Not applicable.

## 12. Ecological Information

### General

This information is given based on data available for the material, components of the material, and similar materials.

### Ecotoxicity

Not expected to be harmful to aquatic organisms.

### Mobility

Base Oil Component-Low solubility and floats and is expected to migrate from water to land. Expected to partition to sediment and wastewater solids.

### Biodegradation

Base oil component- Expected to be inherently biodegradable.

### Bioaccumulation Potential

Base oil component-Has the potential to bioaccumulate, however metabolism or physical properties may reduce the bioconcentration or limit bioavailability.

### Persistence/Degradability

No information available.

## 13. Disposal Considerations

### Waste Disposal Method

This product in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. According to local, state, and federal regulations.

### Contaminated Packaging

Empty containers should be taken to an approved waste handling site for local recycling or waste disposal.

## 14. Transportation Information

### U.S. DOT

Not Regulated

### IMO/IMDG

Not Regulated

### IATA

Not Regulated.

### ICAO

Not Regulated

## 15. Regulatory Information

### US Federal Regulatory Information

#### OSHA Hazard Communication Standard

When used for its intended purposes, this material is not classified as hazardous in accordance with OSHA 29 CFR 1910.1200.

#### SARA (311/312) Reportable Hazard Categories

NONE

#### SARA (313)

NONE

#### Comprehensive Environmental Response and Liability Act (CERCLA)

This material is not subject to any special reporting under the requirements of CERCLA.

#### EPCRA

This material contains no extremely hazardous substances.

#### U.S. Toxic Substances Control Act TSCA

All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30

#### California Proposition 65-Chemicals Known to the State to Cause Cancer

No Components Listed.



## 16. Other Information

### Disclaimer

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### LEGEND

DOT- Department of Transportation; IMDG-International Maritime Dangerous Goods; IATA- International Air Transport Association; SARA-Superfund Amendments and Reauthorization Act; CERCLA-Comprehensive Environmental Response, Compensation, and Liability Act; EPCRA-Emergency Planning and Community Right-to-Know Act; IARC-International Agency for Research on Cancer. STOT-Specific Target Organ Toxicity.