



# SAFETY DATA SHEET

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

### Enhance™ Process Oil 100

**PRODUCT USE:** Lubricating Oil

**PRODUCT NUMBER(S):** EPO100-B; EPO100-55

**COMPANY IDENTIFICATION:** Enhance™ Lubricants, LLC  
1959 Bluff Road  
Columbia, SC 29201  
www.enhanceoil.com

**TRANSPORTATION EMERGENCY RESPONSE:** PERS – 800-633-8253

## SECTION 2: HAZARDS IDENTIFICATION

**CLASSIFICATION:** Not classified as hazardous according to 29 CFR 1910.1200 (2012).

**HAZARDS NOT OTHERWISE CLASSIFIED:** Not Applicable

## SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENTS	CAS NUMBER	AMOUNT
Highly refined mineral oil	Mixture	100%
Petroleum Additives	Mixture	0
**If chemical name/CAS No is proprietary and/or weight % is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.**		

## SECTION 4: FIRST AID MEASURES

**EYES:** Remove contact lenses. Flush eyes with large amounts of water for at least 15 minutes until irritation subsides. If irritation persists, get medical attention.

**SKIN:** No specific first aid measures are required. As a precaution, remove clothing and shoes if contaminated. To remove the material from skin, use soap and water. Discard contaminated clothing and shoes or thoroughly clean before reuse. If irritation persists, get medical attention.

**INGESTION:** If swallowed, do not induce vomiting. If victim exhibits signs of lung aspirations such as coughing or choking, seek medical attention.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration preferably mouth-to-mouth. If breathing is difficult, give oxygen. Get medical attention.

### **MOST IMPORTANT SYMPTOMS AND EFFECTS:**

**SYMPTOMS:** No known significant effects or critical hazards.

### **INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:**

Note to Physicians: Treat symptomatically.

## SECTION 5: FIRE FIGHTING MEASURES

**SUITABLE EXTINGUISHING MEDIA:** Use an extinguishing agent suitable for the surrounding fire.

**UNSUITABLE EXTINGUISHING MEDIA:** None known.

**SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:** In a fire or if heated, a pressure increase will occur and the container may burst.

**HAZARDOUS THERMAL DECOMPOSITION PRODUCTS:** Decomposition products may include the following materials: carbon dioxide, carbon monoxide, sulfur oxides, phosphorus oxides, metal oxide/oxides

**PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Avoid breathing smoke and vapor. Water may be used to cool containers exposed to heat or flame.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:** Use personal protective equipment as required; Ensure adequate ventilation; Keep unprotected persons away.

**METHODS FOR CONTAINMENT:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

**METHODS FOR CLEAN-UP:** Take up small spills with absorbent pads. Do not flush with water or aqueous cleansing agents.

## SECTION 7: HANDLING AND STORAGE

**PRECAUTIONS FOR SAFE HANDLING:** Put on appropriate personal protective equipment. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.

### **CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:**

**STORAGE CONDITIONS:** Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials, food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

**INCOMPATIBLE MATERIALS:** This product may react with strong oxidizing agents.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

**CONTROL PARAMETERS:** Ingredients with limit values that require monitoring at the workplace: None identified.

### **EXPOSURE CONTROLS:**

**GENERAL:** The usual precautionary measures are to be adhered to when handling chemicals. Keep away from foodstuffs, beverages and feed. Avoid contact with eyes.

**EYE/FACE PROTECTION:** Wear safety glasses. Wear chemical goggles or face shield if splash or mist occurs.

**SKIN/BODY PROTECTION:** Oil resistant gloves. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

**RESPIRATORY PROTECTION:** Not necessary if room is well-ventilated. Use suitable device in case of insufficient ventilation.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**Attention:** the data below are typical values and do not constitute a specification.

<b>Color:</b> Amber	<b>Evaporation Rate:</b> No data available
<b>Physical State:</b> Liquid	<b>Decomposition Temperature:</b> No data available
<b>Odor:</b> Typical petroleum	<b>Partition Coefficient:</b> No data available
<b>Odor Threshold:</b> No data available	<b>Flash Point:</b> 205°C, 410°F (Min)
<b>pH:</b> No data available	<b>Flammability (Solid, Gas):</b> Liquid- Not applicable
<b>Vapor Pressure:</b> No data available	<b>Upper Flammability Limits:</b> No data available
<b>Boiling Point/Boiling Range:</b> 289°C, 552°F (Initial)	<b>Lower Flammability Limits:</b> No data available
<b>Solubility:</b> Insoluble in water	<b>Auto-Ignition:</b> Product is not self-igniting
<b>Freezing Point:</b> No data available	<b>Kinematic Viscosity:</b> at 100°C – 5.2 cSt - 5.7 cSt
<b>Melting Point:</b> No data available	<b>Explosive Properties:</b> Product does not present an explosion hazard
<b>Pour Point Temperature:</b> <-15°C	

**SECTION 10: STABILITY AND REACTIVITY**

**REACTIVITY:** Not reactive under normal conditions.

**CHEMICAL STABILITY: THERMAL DECOMPOSITION / CONDITIONS TO AVOID:** No decomposition if used according to specifications.

**POSSIBILITY OF HAZARDOUS REACTIONS:** Under normal conditions of storage and use, hazardous reactions will not occur.

**CONDITIONS TO AVOID:** Keep away from incompatible materials.

**INCOMPATIBLE MATERIALS:** No specific data.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**PRIMARY IRRITANT EFFECT:**

**EYE CONTACT:** Slight irritant effect on eyes.

**SKIN CONTACT:** Slight irritant effect on skin and mucous membranes.

**SENSITIZATION:** Sensitizing effect by skin contact is possible by prolonged exposure.

Oral LD50	Dermal LD50	Inhalation LC50
>2000 mg/kg (Rat)	>2000 mg/kg (Rabbit)	-

**ADDITIONAL TOXICOLOGICAL INFORMATION:**

This product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled

#### **SECTION 12: ECOLOGICAL INFORMATION**

according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

**MOBILITY:** No further relevant information available

**PERSISTENCE/DEGRADABILITY:** Not available

**BIOACCUMULATION POTENTIAL:** Not available

**OTHER ADVERSE EFFECTS:** Not available

**ADDITIONAL ECOLOGICAL INFORMATION:** No known significant effects or critical hazards

#### **SECTION 13: DISPOSAL CONSIDERATIONS**

**DISPOSAL OF WASTES:** Must not be disposed together with household garbage. Do not allow product to reach sewage system. Can be reused after reprocessing. Delivery of waste oil to officially authorized collectors only.

**CONTAMINATED PACKAGING:** Disposal should be in accordance with applicable regional, national, and local laws and regulations.

#### **SECTION 14: TRANSPORT INFORMATION**

The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name) and mode-specific or quantity-specific shipping requirements.

**DOT:** Not regulated

**IMO/IMDG:** Not regulated

**ICAO/IATA:** Not regulated

#### **SECTION 15: REGULATORY INFORMATION**

**TSCA (Toxic Substances Control Act):** All ingredients are listed

#### **SARA**

- **Section 355 (extremely hazardous substances):** None of the ingredients are listed
- **Section 313 (specific toxic chemical listings):** None of the ingredients are listed

#### **US STATE REGULATIONS:**

##### **California Proposition 65**

- **Chemicals known to cause cancer:** None of the ingredients are listed
- **Chemicals known to cause reproductive toxicity for females / males:** None of the ingredients are listed
- **Chemicals known to cause developmental toxicity:** None of the ingredients are listed

**CARCINOGENIC CATEGORIES:**

**EPA (Environmental Protection Agency):** None of the ingredients are listed

**IARC (International Agency for Research on Cancer):** None of the ingredients are listed

**TLV (Threshold Limit Value established by ACGIH):** None of the ingredients are listed

**MAK (German Maximum Workplace Concentration):** None of the ingredients are listed

**NIOSH-Ca (National Institute for Occupational Safety and Health):** None of the ingredients are listed

**CANADIAN LISTS:**

**Canadian Domestic Substances List (DSL):** All ingredients are listed

**Canadian Ingredient Disclosure List (limit 0.1%):** None of the ingredients are listed

**Canadian Ingredient Disclosure List (limit 1%):** None of the ingredients are listed

**SECTION 16: OTHER INFORMATION**

**NFPA RATINGS:** Health: 0      Flammability: 1      Reactivity: 0      Special Hazards: NA

**HMIS RATINGS:** Health: 0      Flammability: 1      Reactivity: 0      Personal Protection: NA

**DISCLAIMER**

*The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose*

***Issue Date: 12.06.2017***

***Revision Date: 07.23.2019***