



# Safety Data Sheet

Issue Date: 20-Oct-2012

Revision Date: 6-May-2015

Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Do-it-Best 2-Cycle Engine Oil

### Other means of identification

**SDS #** DIB-004

### Synonyms

### Recommended use of the chemical and restrictions on use

**Recommended Use** Petroleum Lubricating Oil  
No Other uses recommended

### Details of the supplier of the safety data sheet

#### **Supplier Address**

Warren Oil Company  
915 E. Jefferson Ave.  
West Memphis, AR 72301

### Emergency Telephone Number

**Company Phone Number** 1-870-400-3020  
**Emergency Telephone (24 hr)** CHEMTREC 1-800-424-9300 (North America) 1-703-527-3887 (International)

## 2. HAZARDS IDENTIFICATION

### **CLASSIFICATION OF THE CHEMICAL IN ACCORDANCE WITH PARAGRAPH (d) of §1910.1200:**

Acute Inhalation Category 4

### **Signal word:**

Warning

### **Symbol:**



### **Hazard statements:**

Harmful if inhaled

### **Precautionary statements:**

#### **Prevention:**

Avoid breathing dust/fume/gas/mist/vapors/spray.  
Use only outdoors or in a well-ventilated area.

### **Response:**

If inhaled: Remove person to fresh air and keep comfortable for breathing.



**7. HANDLING AND STORAGE**

**Handling:** Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty containers should be completely drained, properly closed, and promptly returned to a drum re-conditioner or disposed of properly.

**Storage:** Keep container closed when not in use. Do not store with strong oxidizing agents. Do not store at elevated temperatures.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Component Exposure Limits:**  
**TWO STROKE ENGINE OIL 5mg/m3 (oil mist) ACGIH TLV OSHA PEL**

COMPONENTS	ACGIH TLV	OSHA PEL
Residual Oils (petroleum), solvent-refined	5mg/m <sup>3</sup> (oil mist) TWA	5mg/m <sup>3</sup> (oil mist) TWA
Solvent-dewaxed heavy paraffinic distillates (petroleum)	5mg/m <sup>3</sup> (oil mist) TWA	5mg/m <sup>3</sup> (oil mist) TWA
Distillates (petroleum), hydrotreated light	5mg/m <sup>3</sup> (oil mist) TWA	5mg/m <sup>3</sup> (oil mist) TWA

**Engineering Controls:** Ventilate as needed to comply with exposure limit.

**Eye Protection:** Use goggles/face shield to avoid eye contact.

**Glove Protection:** Use impervious gloves to avoid repeated/prolonged skin contact.

**Work/Hygiene Practices:** If clothing becomes contaminated, change to fresh clean clothing. Do not wear until thoroughly laundered.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance/Odor:** Blue colored liquid with mild hydrocarbon odor.

**Odor Threshold:** No data available

**pH:** No data available

**Boiling Point:** Wide range

**Melting Point:** No data available

**Solubility (H<sub>2</sub>O):** Negligible

**Specific Gravity:** 0.8772 @ 15.6°C

**Density:** 7.3 lbs/gal

**Octanol/H<sub>2</sub>O Coeff.:** No data available

**Evaporation Rate (BUAC=1):** <1

**Molecular Weight:** No data available

**Decomposition Temp:** No data available

**Auto Ignition:** No data available

**Lower Flammability Limit:** No data available

**Flash Point:** 205° F (96.1°C)

**Upper Flammability Limit:** No data available

**Vapor Density (Air=1)** > 1

**Vapor Pressure:** <1mmHg @ 20°C

**VOC:** 79

**Flammability Class:** Not classified

**Viscosity @ 40°C:** 59.24 cSt (59.24 mm<sup>2</sup>/s)

**Viscosity @ 100°C:** 8.54 cSt (8.54 mm<sup>2</sup>/s)

## 10. STABILITY AND REACTIVITY

### Reactivity

Material does not pose a significant reactivity hazard.

### Chemical Stability

Stable

### Incompatibility/Conditions to avoid

Avoid strong oxidants

### Possibility of Hazardous Reactions:

Will not undergo hazardous polymerization.

### Hazardous Decomposition Products

Partial burning produces fumes, smoke and carbon monoxide.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

Ingestion, Inhalation, Eye contact and Skin contact

#### Acute Effects:

<b>Eye Contact</b>	Causes serious eye irritation.
<b>Skin Contact</b>	Causes skin irritation.
<b>Inhalation</b>	Harmful if inhaled. May cause respiratory irritation.
<b>Ingestion</b>	Expected to be low ingestion hazard.

#### Component Data/Analysis:

COMPONENTS	Oral (LD50)(Rat)	Inhalation (LC50)(Rat)	Dermal (LD50)(Rabbit)
Residual oils (petroleum), solvent-refined	>5000 mg/kg	2.18 mg/l (4hr)	>2000 mg/kg
Solvent-dewaxed heavy paraffinic distillates (petroleum)	>5000 mg/kg	2.18 mg/l (4hr)	>2000 mg/kg
Distillates (petroleum), hydrotreated light	>5000 mg/kg	2.18 mg/l (4hr)	>2000 mg/kg

<b>Sensitization:</b>	None known.
<b>Carcinogenicity:</b>	None greater than 0.1%.
<b>Mutagenicity:</b>	None known.
<b>Reproductive Toxicity:</b>	None known.
<b>Teratogenicity:</b>	None known.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

An environmental fate analysis is not available for this specific product. Plants and animals may experience harmful or fatal effects when coated with petroleum products. Petroleum-based (mineral) lubricating oils normally will float on water. In stagnant or slow-flowing waterways, an oil layer can cover a large surface area. As a result, this oil layer might limit or eliminate natural atmospheric oxygen transport into the water. With time, if removed, oxygen depletion in the waterway may be sufficient to cause a fish kill or create an anaerobic environment.

**Environmental Fate**

Analysis for ecological effects has not been conducted on this product. However, if spilled, this product and any contaminated soil or water may be harmful to human, animal, and aquatic life. Also, the coating action associated with petroleum and petroleum products can be harmful or fatal to aquatic life and waterfowl.

**13. DISPOSAL CONSIDERATIONS****Water Disposal**

Assure conformity with applicable disposal regulations. Dispose of absorbed material at approved waste site.

**14. TRANSPORT INFORMATION**

The shipping description below may not be represent requirements for all modes of transportation, shipping methods or locations outside of the United States.

**ROAD AND RAIL:** DOT: NOT REGULATED

**VESSEL:** IMDG: NOT REGULATED

**AIR:** IATA: NOT REGULATED

**15. REGULATORY INFORMATION**

**TSA Inventory:** This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory.

**SARA 302/304 Emergency Planning and Notification:** No components were identified.

**SARA 311/312 Hazard Identification:** Acute (Immediate) Health Hazard.

**SARA 313 Toxic Chemical Notification and Release Reporting:** No components were identified.

**CERCLA:** <1% Napthalene

**Clean Water Act (CWA)** This material is classified as an oil under Section 311 of the Clean Water Act (CWA) and the Oil Pollution Act of 1990 (OPA). Discharges or spills which produce a visible sheen on waters of the United States, their adjoining shorelines, or into conduits leading to surface waters must be reported to the EPA's National Response Center at (800) 424-8802.

**California Proposition 65:** The product contains chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

**New Jersey Right-to-Know Label:** Petroleum Oil

<b>16. OTHER INFORMATION</b>
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HAZARD RANKINGS			
HMIS		NFPA	
HEALTH HAZARD	1	HEALTH HAZARD	1
FIRE HAZARD	1	FIRE HAZARD	1
PHYSICAL HAZARD	0	INSTABILITY/REACTIVITY	0
Personal Protection	B		

COMPONENTS HAZARD STATEMENTS	
<b>H304</b>	May be fatal if swallowed and enters airways.
<b>H315</b>	Causes skin irritation.
<b>H226</b>	Flammable liquid and vapor.
<b>H332</b>	Harmful if inhaled.
<b>H412</b>	Harmful to aquatic life with long lasting effects

**Issue Date:** 20-Oct-2012  
**Revision Date:** 6-May-2015  
**Revision Note:** New format

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**