

# **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.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

The chemical name and concentration (exact percentage) or concentration ranges of all ingredients which are classified as health hazards in accordance with Paragraph (d) §1910.1200:

CONCENTRATION	CAS NO.	EU NO.	CONCENTRATION	HAZARD STATEMENTS (See Section 16)
Residual oils (petroleum), solvent-refined	64742-01-4	265-101-6	15 - 30	
Solvent-dewaxed heavy paraffinic distillates (petroleum)	64742-65-0	265-169-7	65 - 85	H332
Distillates (petroleum), hydrotreated light	64742-47-8	265-149-8	< 10	H304, H315, H226, H412

#### 4. FIRST-AID MEASURES

#### **First Aid Measures**

**Eye Contact** If splashed into eyes, flush eyes with clear water for several minutes.

**Skin Contact** Wash skin with soap and warm water. Wash clothing before re-use.

**Inhalation** Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor

if you feel unwell.

**Ingestion** If ingested, DO NOT induce vomiting. Call a physician.

#### 5. FIRE-FIGHTING MEASURES

**Flash Point:** 205°F (96.1°C)

Protective Equipment / Fire

Fighting Instructions:

For fires involving this material, do not enter any enclosed or confined fire space without

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 $proper\ protective\ equipment,\ including\ self-contained\ breathing\ apparatus.$ 

**Extinguishing Media:** Use water fog, foam, dry chemical or carbon dioxide (CO<sub>2</sub>) to extinguish flames.

Special Firefighting Procedures: Cool exposed containers with water spay.

**Unusual Fire and Explosion** 

Hazards:

Pressure increase in over heated closed containers. Cool containers with water spray.

#### 6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Remove ignition sources. Recover liquid. Add absorbent to spill area. Ventilate confined

spaces. Advise authorities if product enters sewers, etc.

Waste Disposal: Assure conformity with applicable disposal regulations. Dispose of absorbed material at

approved waste site.

Precautionary Measures: Do not get in eyes, on skin, or on clothing. Do not taste or swallow. Wash thoroughly after

handling

Avoid contaminating soil or releasing this material into sewage and drainage systems and

bodies of water.

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

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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/m³ (oil mist) TWA	5mg/m³ (oil mist) TWA
Solvent-dewaxed heavy paraffinic distillates	5mg/m³ (oil mist) TWA	5mg/m³ (oil mist) TWA
(petroleum)		
Distillates (petroleum), hydrotreated light	5mg/m³ (oil mist) TWA	5mg/m³ (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 availablepH:No data availableBoiling Point:Wide rangeMelting Point:No data availableSolubility (H2O):Negligible

Specific Gravity:0.8772 @ 15.6°CDensity:7.3 lbs/galOctanol/H₂O Coeff.:No data available

Evaporation Rate (BUAC=1): <1

Molecular Weight:

Decomposition Temp:

Auto Ignition:

Lower Flammability Limit:

Flash Point:

Upper Flammability Limit:

No data available
No data available
205° F (96.1°C)
No data available

Upper Flammability Limit: No data ava Vapor Density (Air=1) > 1

Vapor Pressure: <1mmHg @ 20°C

**VOC:** 79

Flammability Class: Not classified

 Viscosity @ 40°C:
 59.24 cSt (59.24 mm²/s)

 Viscosity @ 100°C:
 8.54 cSt (8.54 mm²/s)

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## 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:** 

**Eye Contact** Causes serious eye irritation.

**Skin Contact** Causes skin irritation.

**Inhalation** Harmful if inhaled. May cause respiratory irritation.

**Ingestion** 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 ma/l (4hr)	>2000 mg/kg

Sensitization: None known.

**Carcinogenicity:** None greater than 0.1%.

Mutagenicity: None known.

Reproductive Toxicity: None known.

**Teratogenicity:** 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.

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#### **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 No components were identified.

and Notification:

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

SARA 313 Toxic Chemical No components were identified.

Notification and Release Reporting:

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

## **16. OTHER INFORMATION**

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HAZARD RANKINGS					
HMIS		NFI	NFPA		
HEALTH HAZARD	1	HEALTH HAZARD	1		
FIRE HAZARD	1	FIRE HAZARD	1		
PHYSICAL HAZARD	0	INSTABILITY/REACTIVITY	0		
Personal Protection	В				

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

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