



Safety Data Sheet

Issue Date: 20-Oct-2012

Revision Date: 6-May-2015

Version 1

1. IDENTIFICATION

Product Identifier

Product Name Coastal Synthetic 2-Cycle Engine Oil

Other means of identification

SDS # WUI-038

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
Eye Irritant Category 2
Skin Corrosion/Irritation Category 2
Aquatic Environment Category 4

Signal word:

Warning

Symbol:



Hazard statements:

Harmful if inhaled
Causes skin irritation
Causes serious eye irritation
May cause long lasting harmful effects to aquatic life.

Precautionary statements:

Prevention:

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

Wear eye/face protection.
Wear protective gloves.
Avoid release to the environment.

Response:

If inhaled: Remove person to fresh air and keep comfortable for breathing.
If on skin: Wash with plenty of water; if irritation or rash occurs, get medical advice/attention. Take off contaminated clothing and wash it before reuse.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.
Call a poison center/doctor if you feel unwell.

Disposal:

Dispose of contents/container in accordance with local/regional/national/international regulations.

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)
Distillates (petroleum), hydrotreated light	64742-47-8	265-149-8	10 - 30	H226, H304, H315
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	72623-87-1	276-738-4	30 - 50	
Polyolefin Phenol	Not available	Not available	3 - 6	H315, H319
Polymerized fatty acid 2-ethylhexyl ester	68424-40-8	Not available	10 - 30	H413
Polyisobutylene	9003-27-4	Not available	10 - 30	H413

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:	210°F (99°C)
Protective Equipment / Fire Fighting Instructions:	For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.
Extinguishing Media:	Use water fog, foam, dry chemical or carbon dioxide (CO ₂) to extinguish flames.
Special Firefighting Procedures:	Cool exposed containers with water spray.
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 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
Distillates (petroleum), hydrotreated light	5mg/m ³ (oil mist) TWA	5mg/m ³ (oil mist) TWA
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	5mg/m ³ (oil mist) TWA	5mg/m ³ (oil mist) TWA
Polyolefin Phenol	5mg/m ³ (oil mist) TWA	5mg/m ³ (oil mist) TWA
Polymerized fatty acid 2-ethylhexyl ester	5mg/m ³ (oil mist) TWA	5mg/m ³ (oil mist) TWA
Polyisobutylene	5mg/m ³ (oil mist) TWA	5mg/m ³ (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:** Dark green/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 (H₂O):** Negligible
- Specific Gravity:** 0.865 @ 15.6°C
- Density:** 7.2 lbs/gal

Octanol/H₂O 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:	210° F (99°C)
Upper Flammability Limit:	No data available
Vapor Density (Air=1)	> 1
Vapor Pressure:	<1mmHg @ 20°C
VOC:	173g/L
Flammability Class:	Not classified
Viscosity @ 40°C:	42 cSt (42 mm ² /s)
Viscosity @ 100°C:	7.5 cSt (7.5 mm ² /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:

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)	>5000 mg/kg
Distillates (petroleum), hydrotreated light	>5000 mg/kg	2.18 mg/l (4hr)	>5000 mg/kg
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	>5000 mg/kg	2.18 mg/l (4hr)	>5000 mg/kg
Polyolefin Phenol	No data	No data	No data
Polymerized fatty acid 2-ethylhexyl ester	>5000 mg/kg		
Polyisobutylene	>5000 mg/kg	5.53 mg/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.

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:

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

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	
H226	Flammable liquid and vapor.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H413	May cause long lasting harmful effects to aquatic life.

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