

MATERIAL SAFETY DATA SHEET

WARREN UNILUBE, INC.

Coastal Economy AW Hydraulic Oil (all grades)

Date of Preparation: September 14, 2010

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Coastal Economy AW Hydraulic Oil (all grades)

Chemical Family: Blend

Manufacturer: Warren Unilube, Inc.
915 E. Jefferson Ave.
West Memphis, AR 72301

CHEMTREC NUMBER
Domestic: 800-424-9300
International: 703-527-3887

EMERGENCY TELEPHONE NUMBER:
(800) 428-9284

SECTION 2: COMPOSITION/INFORMATION AND INGREDIENTS

Chemical Ingredient

Base Lubricating Oil	95-99%
Proprietary Additives	1-5%

SECTION 3: HAZARD IDENTIFICATION

EMERGENCY OVERVIEW: *Oil mist, if generated.*

HMIS Hazard Rating

H	0
F	1
R	0

US OSHA HAZARD COMMUNICATION STANDARD: Product assessed in accordance with OSHA 29 CFR 1910.1200 and determined not to be hazardous.

Potential Health Effects:

Inhalation: Vapor pressure is very low. Vapor inhalation under ambient conditions is normally not a problem.

Eye Contact: Expected to be minor eye irritant.

Skin Contact: Repeated or prolonged skin contact may cause dermatitis.

Ingestion: Not expected to be acutely toxic.

Chronic: None known.

SECTION 4: FIRST AID MEASURES

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

Eye Contact: Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.

Skin Contact: No treatment is necessary under ordinary circumstances. Remove contaminated clothing. Wash contaminated area thoroughly with soap and water. If redness or irritation occurs and persists, seek medical attention. If product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should seek immediately medical attention.

Ingestion: If swallowed, DO NOT induce vomiting. If victim exhibits signs of lung aspiration such as coughing or choking, seek immediate medical attention.

SECTION 5: FIRE-FIGHTING MEASURES

Flashpoint (method): 400°F Typical (ASTM D-92)

Flammable Limits: Not established

Autoignition Temperature: No Data Available

Extinguishing Media: Use dry chemical, foam, or carbon dioxide.

Fire-Fighting Instructions: Dense smoke may be generated while burning. Carbon monoxide, carbon dioxide, and other oxides may be generated as products of combustion. Avoid breathing smoke and vapor.

Fire-Fighting Equipment: Wear self-contained breathing apparatus and protective clothing. Water may be used to cool containers exposed to heat or flame.

Hazardous Combustion By-products: Carbon monoxide, carbon dioxide, aldehydes, ketones, and combustion products of sulfur and nitrogen.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Spill/Leak Procedures: Remove sources of ignition. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Take up small spills with absorbent pads. Large spills may be taken up with pump or vacuum.

SECTION 7: HANDLING AND STORAGE

Storage Temperature: Ambient

Storage Pressure: Atmospheric

General: Keep container closed. Store in a cool, well-ventilated place. Keep away from heat, sparks and flame. Empty containers may contain residues.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits: This product does not contain any components with OSHA or ACGIH exposure limits.

Ventilation: Good general ventilation at source of vapor.

Personal Hygiene: Always wash hands and face with soap and water before eating, drinking or smoking.

Respiratory Protection: Respiratory protection is not required under conditions of normal use. If vapor or mist is generated when the material is heated or handled, use an organic vapor respirator with a dust or mist filter.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Odor: Petroleum odor, clear, amber liquid

Vapor Density: > 1 (air =1.0)

Solubility in Water: Insoluble

Specific Gravity: 0.87

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under normal temperatures and pressures.

Conditions to Avoid: None known

Materials to Avoid: Strong oxidizing agents.

SECTION 11: TOXICOLOGICAL INFORMATION

Oral Toxicity (rats): Practically non-toxic (LD50: greater than 2000 mg/kg.)

Dermal Toxicity (rabbits): Practically non-toxic (LD50: greater than 2000 mg/kg.)

Inhalation Toxicity (rats): Practically non-toxic (LC50: greater than 5 mg/l).

Eye Irritation (rabbits): Practically non-irritating. (Draize score: greater than 6 but 15 or less.)

Skin Irritation (rabbits): Practically non-irritating. (Primary Irritation Index: greater than 0.5 but less than 3.)

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Regulatory Information: All disposals must comply with federal, state and local requirements.

SECTION 14: TRANSPORTATION INFORMATION

US DOT Information

Not regulated as a hazardous material

Hazard Class: Not classified

UN/UA#: Not classified

Packing Group: Not classified

Required Label (s): None

IMO/IMDG Shipping Description: Petroleum Lubricating Oil is not regulated as dangerous goods for transport.

ICA/IATA Shipping Description: Petroleum Lubricating Oil is not regulated as dangerous goods for transport.

International Transportation Regulations: Not regulated as dangerous goods.

SECTION 15: REGULATORY INFORMATION

TSCA: This material is in compliance with the Toxic Substances control Act (15 USC 2601-2629) and is listed in the TSCA Inventory.

Hazard Categories for SARA 311/312 Reporting:

Health	Immediate (Acute)	No
Health	Delayed (Chronic)	No
Physical	Fire	No
Physical	Sudden Release of Pressure	No
Physical	Reactive	No
Physical	Nuisance Mist/Dust Only	No

01=SARA 313 11=NJRTK 21=TSCA Sect 5(a)(2) 02=MASS RTK
 12=CERCLA 3024 22=TSCA Sect 6 03=NTP Carcinogen
 13=MN RTK 23=TSCA Sect 12 (b)

04=CA Prop 65-Carcin 14=ACGIM TWA 24=TSCA Sect 8(a)
 05=CA Prop 65-Repro Tox 15=ACGIH STEL 25=TSCA Sect 8(d)
 06=IARC Group 1 16=ACGIH Calc TLV 26=TSCA Sect 4(a)
 07=IARC Group 2A 17=OSHA PEL 27=Canadian WHMIS
 08=IARC Group 2B 18=DOT Marine Pollutant 28=OSHA CEILING
 09=SARA 302/304 20=EPA Carcinogen
 10=PA RTK

The following components of this material are found on the regulatory lists indicated.

DISTILLATES, HYDROTREATED LIGHT PARAFFINIC is found on lists: 14, 15, 17

NEW JERSEY RTK CLASSIFICATION: Under the New Jersey Right-to-Know Act L. 1983 Chapter 315 N.J.S.A. 34:5A-1 et. seq., the product is to be identified as follows: PETROLEUM OIL

SARA TITLE III INFORMATION

Section 311/312 Hazard Categorization

Acute Chronic Fire Pressure Reactive

SARA Hazardous Substances

<u>Ingredient</u>	<u>CAS No.</u>	<u>%, wt</u>	<u>Sec 313</u>	<u>Sec 302</u>	<u>RQ, lb</u>	<u>TPQ, lb</u>
Zinc Compound	N.A.	<1	X			

Key: Sec 313 = Toxic Chemicals, Section 313
 Sec 302 = Extremely Hazardous Substances (EHS)
 RQ = Reportable Quantity of EHS
 TPQ = Threshold Planning Quantity of EHS

SECTION 16: OTHER INFORMATION

CALIFORNIA PROPOSITION 65 WARNING

Chemicals known to the State of California to cause cancer, birth defects or other reproductive harm may be found in the petroleum products. Although it is possible to sufficiently refine the petroleum products to remove the potential for cancer, we are advising that one or more of the listed chemicals may be present in some detectable quantities. Read and follow directions and use care when handling these petroleum products.

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