

# WARREN OIL COMPANY, INC.

## MATERIAL SAFETY DATA SHEET

U.S. Department of Labor Compliance  
OSHA's Hazard Communication Standard CFR 1910.1200

-----  
**PRODUCT IDENTITY: Warren 5W30**  
-----

### SECTION 1

Manufacturer's Name: Warren Oil Company, Inc.  
P.O. Box 1507  
Dunn, NC 28335

Emergency Assistance: Telephone No. (910) 892-6456  
Information (910) 892-6456

### SECTION 2 - Ingredients/Identity Information

-----

- P Premium Multi-Grade PCMO 5W-30
1. Solvent refined, hydrotreated paraffinic distillate
  2. Co-polymer derived viscosity thickener
  3. Additive Pkg., Containing Phosphorus, Zinc, Calcium, Amine derivatives, Succinimide dispersant
  4. Other minor additives

#### Occupational Exposure Limits:

No.	OSHA		ACGIH		OTHER
	PEL/TWA	PEL/CEILING	TLV/TWA	TLV/STEL	
P	5 Mg/M3*	None	5 Mg/M3*	10 Mg/M3*	None

\*Oil Mist, Mineral

### SECTION 3 - Physical/Chemical Characteristics

-----

Boiling Point: Not Available Gravity, API @ 60 deg.F: 31.0  
Vapor Pressure: Not Available Melt Point: -35 deg.F Pour Pt.  
Vapor Density: (Air=1) N.A. Evaporation Rate: N.A.  
Solubility in Water: Negligible  
Appearance and Odor: Yellow-Amber, Slight Hydrocarbon Odor.

### SECTION 4 - Fire and Explosion Hazard Data

-----

Flash Point: +420 deg. COC Flammable Limits // Volume Air  
Lower: N/AV Upper: N/AV

NFPA RATINGS- Health: 1 Flammability: 1 Reactivity: 0 Special: -  
NPCA-HMIS RATINGS- Health: 1 Flammability: 1 Reactivity: 0

Extinguishing Media: Use water fog, foam, dry chemical or CO2. Do not use a direct stream of water. Product will float and be reignited on surface of water.

Special Fire Fighting Procedures and Precautions: Material will not burn unless preheated. Do not enter confined fire-space without full bunker gear (Helmet with face shield, bunker coats, glove and rubber boots), including a positive-pressure NIOSH-Approved self-contained breathing apparatus. Cool fire exposed containers with water.



*Ingestion* - Do not induce vomiting. In general, no treatment is necessary unless large quantities of product are ingested. However, get medical attention.

*Note to Physician* - In general, Emesis Induction is unnecessary in high viscosity, low volatility products, I.E., most oils and greases.

---

**SECTION 7 - Precautions For Safe Handling and Use**

---

*Spill or Leak Procedures:* May burn although not readily ignitable. Use cautious judgment when cleaning up large spills. \*\*\*Large Spills\*\*\* Wear respirator and protective clothing as appropriate. Shut off source of leak. If safe to do so, dike and contain. Remove with vacuum trucks or pump to storage salvage vessels. Soak up residue with an absorbent such as clay, sand or other suitable materials; dispose of properly. Flush area with water to remove trace residue. \*\*\*Small Spills\*\*\* Take up with an absorbent material and dispose of properly.

*Waster Disposal:* Place in an appropriate disposal facility in compliance with local regulations.

*Environmental Hazards:* This product is classified as an oil under section 311 of the Clean Water Act. Spills entering (A) surface waters or (B) any water courses or sewers entering/leading to surface waters that cause a sheen must be reported to the nearest local Environmental Protection Agency office.

---

**SECTION 8 - Control Measures**

---

Minimize skin contact. Wash with soap and water before eating, drinking, smoking or using toilet facilities. Launder contaminated clothing before reuse, properly dispose of contaminated leather articles, including shoes that cannot be decontaminated.

Store in a cool, dry place with adequate ventilation. Keep away from open flames and high temperatures.

*Respiratory Protection:* If exposure may or does exceed occupational exposure limits (SECTION 2) use a NIOSH-Approved respirator to prevent overexposure. In accord with 29 DFR 1910.134 use either an atmosphere-supplying respirator or an air-purifying respirator for organic vapors and particulate.

*Protective Clothing:* Wear chemical resistant gloves and other protective clothing as required to minimize skin contact. Wear safety goggles to avoid eye contact. Test data from published literature and/or glove and clothing manufacturers indicate the best protection is provided by nitrile gloves.

Updated: January 5, 1999