

# Material Safety Data Sheet

Issuing Date 31-Dec-2009

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Revision Number 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** Certified 5W30 12/32oz  
**Recommended Use** Lubricant. Automotive (motor) oil.

**Supplier Address**  
Warren Unilube, Inc.  
915 East Jefferson Street, West  
Memphis, AR, 72301  
US  
Phone:870-732-7888  
Fax:870-733-3167  
Contact:Diana Lugar  
Contact Phone:870-732-7888  
Emergency Phone: 870-735-1514

**Company Emergency Phone Number** 870-735-1514

## 2. HAZARDS IDENTIFICATION

### CAUTION!

### Emergency Overview

May cause eye irritation  
Aspiration hazard if swallowed - can enter lungs and cause damage

**Appearance** Clear, amber colored      **Physical State** Liquid.      **Odor** Hydrocarbon-like

### Potential Health Effects

**Principle Routes of Exposure** Skin contact. Eye contact.

### Acute Toxicity

**Eyes**

May cause irritation.

**Skin**

Prolonged skin contact may defat the skin and produce dermatitis.

**Inhalation**

Aspiration into lungs can produce severe lung damage. Aspiration may cause pulmonary edema and pneumonitis.

**Ingestion**

Potential for aspiration if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

### Chronic Effects

Prolonged skin contact may defat the skin and produce dermatitis. Aspiration may cause pulmonary edema and pneumonitis

### Aggravated Medical Conditions

Skin disorders.

### Environmental Hazard

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. See Section 12 for additional Ecological Information.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
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Base oil for lubricating oil obtained by hydrofining or cracking of petroleum fractions or residual oil	RR-31796-4	60-100
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	68649-42-3	7-13

**4. FIRST AID MEASURES**

<b>General Advice</b>	Note: When using this product in high pressure equipment - Accidental high velocity dermal injection of this material requires immediate medical attention.
<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If irritation persists, call a physician.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. In the case of skin irritation or allergic reactions see a physician.
<b>Inhalation</b>	Move to fresh air. Get medical attention immediately if symptoms occur.
<b>Ingestion</b>	Call a physician or Poison Control Center immediately. Do NOT induce vomiting.
<b>Notes to Physician</b>	Treat symptomatically. Aspiration hazard.

**5. FIRE-FIGHTING MEASURES**

<b>Flammable Properties</b>	Not flammable.
<b>Flash Point</b>	207°C / 405°F
<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Hazardous Combustion Products</b>	Carbon oxides.
<b>Explosion Data</b>	
<b>Sensitivity to Mechanical Impact</b>	No.
<b>Sensitivity to Static Discharge</b>	No.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

<b>NFPA</b>	<b>Health Hazard 1</b>	<b>Flammability 1</b>	<b>Stability 0</b>	<b>Physical and Chemical Hazards -</b>
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**6. ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions</b>	Avoid contact with the skin and the eyes.
<b>Environmental Precautions</b>	Prevent product from entering drains. Refer to protective measures listed in Sections 7 and 8.
<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for Cleaning Up</b>	Use personal protective equipment. Dam up. Cover liquid spill with sand, earth or other noncombustible absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

**7. HANDLING AND STORAGE**

<b>Handling</b>	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing. Keep away from heat, sparks and open flame. No smoking.
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**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Guidelines** This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Engineering Measures**  
Showers  
Eyewash stations  
Ventilation systems

### Personal Protective Equipment

#### **Eye/Face Protection**

If splashes are likely to occur, wear: Safety glasses with side-shields.

#### **Skin and Body Protection**

Protective gloves.

#### **Respiratory Protection**

None required under normal usage. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Clear, amber colored.	<b>Odor</b>	Hydrocarbon-like.
<b>Odor Threshold</b>	No information available	<b>Physical State</b>	Liquid
<b>pH</b>	UNKNOWN		
<b>Flash Point</b>	405°F / 207°C	<b>Autoignition Temperature</b>	No information available
<b>Decomposition Temperature</b>	No information available	<b>Boiling Point/Range</b>	No information available
<b>Melting Point/Range</b>	No information available		
<b>Flammability Limits in Air</b>	No information available	<b>Explosion Limits</b>	No information available
<b>Specific Gravity</b>	No data available	<b>Water Solubility</b>	Negligible
<b>Solubility</b>	No information available	<b>Evaporation Rate</b>	No information available
<b>Vapor Pressure</b>	No data available	<b>Vapor Density</b>	No data available
<b>VOC Content(%)</b>	Not applicable	<b>Partition Coefficient: n-octanol/water</b>	

## 10. STABILITY AND REACTIVITY

**Stability** Stable under recommended storage conditions.

**Incompatible Products** Strong oxidizing agents.

**Conditions to Avoid** Heat, flames and sparks.

**Hazardous Decomposition Products** Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Hydrocarbons.

**Hazardous Polymerization** Hazardous polymerization does not occur.

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

**Product Information** Product does not present an acute toxicity hazard based on known or supplied information.

### Component Information

#### Chronic Toxicity

<b>Chronic Toxicity</b>	Prolonged skin contact may defat the skin and produce dermatitis. Aspiration may cause pulmonary edema and pneumonitis
<b>Carcinogenicity</b>	Used motor oils may contain hazardous components which have the potential to cause skin cancer
<b>Target Organ Effects</b>	Skin.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

The environmental impact of this product has not been fully investigated. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts		LC50 96 h Pimephales promelas 1.0-5.0 mg/L LC50 96 h Pimephales promelas 10.0-35.0 mg/L		EC50 48 h Daphnia magna 1 - 1.5 mg/L

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Methods** This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

**Contaminated Packaging** Dispose of in accordance with local regulations.

**California Hazardous Waste Codes** 221

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	Toxic

## 14. TRANSPORT INFORMATION

**DOT** Not regulated

**TDG** Not regulated

**MEX** Not regulated

**ICAO** Not regulated

**IATA** Not regulated

**IMDG/IMO** Not regulated

**RID** Not regulated

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**14. TRANSPORT INFORMATION**

ADR Not regulated

ADN Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

<b>TSCA</b>	Complies
<b>DSL</b>	Does not Comply
<b>EINECS/ELINCS</b>	Does not Comply
<b>ENCS</b>	Does not Comply
<b>IECSC</b>	Does not Comply
<b>KECL</b>	Does not Comply
<b>PICCS</b>	Does not Comply
<b>AICS</b>	Does not Comply

**U.S. Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS-No	Weight %	SARA 313 - Threshold Values %
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	68649-42-3	7-13	1.0

**SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	Yes
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	No
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

**Clean Water Act**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts		X		

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**U.S. State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island

