



## Safety Data Sheet

Revision Date: 2010-12-01 11:25:27

### I. PRODUCT AND COMPANY IDENTIFICATION

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**Product Name:** HWH SPECIALTY HYD OIL 12/1QT  
**Product Code:** HW31PSPL  
**Emergency Phone:** (800) 424-9300 (202) 483-7616 (CHEMTREC)  
**Poison Control Center:** (800) 222-1222  
**Company:** Warren Distribution, Inc.  
727 S. 13th St.  
Omaha, NE 68102  
**Information Phone:** (800) 825-1235 (402) 341-9397  
**Revision Number:** 2

### II. HAZARDS IDENTIFICATION

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**Routes of Entry:** Inhalation, Ingestion, Skin contact, Eye contact

**Chemical Interactions:** None Known

**Medical Conditions Aggravated by Exposure:** No data found.

#### Acute Health Effects:

**Inhalation Irritation:** Can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache. This product has low volatility. Aerosols or vapors formed at high temperatures may be irritating.

**Skin Contact:** Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.

**Skin Absorption:** Minimal hazard in normal industrial use. May cause gastrointestinal discomfort.

**Eye Contact:** Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue.

**Ingestion Irritation:** Irritating to mouth, throat, and stomach. Can cause abdominal discomfort, nausea, vomiting and diarrhea. Small amounts (a tablespoonful) swallowed during normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause injury.

#### Chronic Health Effects:

**Carcinogenicity:** Not a carcinogen according to NTP, IARC, or OSHA.

**Reproductive Toxicity:** No data available to indicate product or any components present at greater than 0.1% may cause birth defects. Not likely to be a human reproductive hazard.

**Mutagenicity:** No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

**Inhalation:** Upon prolonged and/or repeated exposure to concentrations above permissible exposure



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limits, can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache.

**Skin Contact:** Upon prolonged or repeated contact, can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.

**Skin Absorption:** Upon prolonged or repeated exposure, minimal hazard in normal industrial use. May cause gastrointestinal discomfort.

**Ingestion:** Lubricating oils are generally no more than slightly toxic if swallowed.

**HMIS Ratings:**

**Health:** 1  
**Fire:** 1  
**Reactivity:** 0  
**PPE:** B

**NFPA Ratings:**

**Health:** 1  
**Fire:** 1  
**Reactivity:** 0

KEY: 0 - Least 1 - Slight 2 - Moderate 3 - High 4 - Extreme

### III. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	%	CAS #	OSHA Exposure Limits
Petroleum distillates, hydrotreated heavy paraffinic	90 - 99	64742-54-7	No PEL established
Hydrotreated middle distillate	1 - 5	64742-46-7	No PEL established

Components not listed are not physical or health hazards as defined in 29 CFR 1910.1200 (Hazard Communication Standard).

### IV. FIRST-AID MEASURES

**Inhalation:** Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration and have a trained individual administer oxygen. Get medical attention immediately. If overcome by vapor from hot product, immediately remove victim to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration and have a trained individual administer oxygen. Get medical attention immediately. If overexposed to oil mist, remove from further exposure.

**Eyes:** Flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention. Flush eye with water for 20 minutes. Get medical attention.

**Skin Contact:** Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists.

**Ingestion:** Do not induce vomiting and seek medical attention immediately. Provide medical care provider with this MSDS.

**Notes to Doctor:** Aspiration during swallowing or vomiting may severely damage the lungs.

### V. FIRE FIGHTING MEASURES

**Flammability Summary:** Combustible at elevated temperatures

**Extinguishing Media:** Use alcohol resistant foam, carbon dioxide, or dry chemical when fighting fires. Water



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or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the surface of the fire. Do Not direct a stream of water into the hot burning liquid.

**Fire and/or Explosion Hazards:** Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire. If heated above its flashpoint in the presence of air, product can support combustion.

**Fire Fighting Methods and Protection:** Do not enter fire area without proper protection including self- contained breathing apparatus and full protective equipment. Use methods for the surrounding fire.

**Hazardous Combustion Products:** Carbon dioxide, Carbon monoxide

**Flash Point:** 193 °C (379 °F )

**Autoignition Temperature:** No data

### VI. ACCIDENTAL RELEASE MEASURES

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**Personal Precautions and Equipment:** Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section 8 of this MSDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred. Also consider the expertise of employees in the area responding to the spill.

**Methods for Clean-up:** Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section 8 at a minimum. Dike with suitable absorbent material like granulated clay. Gather and store in a sealed container pending a waste disposal evaluation. Remove from water surface by skimming or with suitable absorbents. Do not use dispersants.

### VII. HANDLING AND STORAGE

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**Handling Precautions:** Harmful or irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area. Empty containers may retain product residues/ vapors. Use proper bonding and grounding during bulk product transfer. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Avoid contact with material, avoid breathing dusts or fumes, use only in a well ventilated area. Wash thoroughly after handling. Do not get in eyes, on skin and clothing "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. Remove contaminated clothing and wash before reuse.

**Storage Conditions:** Store in a cool dry ventilated location. Isolate from incompatible materials and conditions. Keep container(s) closed. Do not expose to extreme temperatures or flames. Store in a cool dry place. Store in a tightly closed container. Keep away from heat, sparks and flame.

### VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

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**Engineering Controls:** No exposure limits exist for the constituents of this product. Use local exhaust ventilation or other engineering controls to minimize exposures and maintain operator



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comfort. No special ventilation requirements

**Respiratory Protection:** Respiratory protection may be required to avoid overexposure when handling this product. General or local exhaust ventilation is the preferred means of protection. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms. Follow a respiratory protection program that meets 29 CFR 1910.134 and ANSI Z88.2 requirements whenever work place conditions warrant the use of a respirator. Wear a NIOSH approved respirator if any exposure is possible.

**Respirator Type(s):** None required where adequate ventilation is provided. If airborne concentrations are above the applicable exposure limits, use NIOSH/MSHA approved respiratory protection.

**Eye Protection:** Wear chemically resistant safety glasses with side shields when handling this product. Do not wear contact lenses. Wear goggles and a Face shield.

**Skin Protection:** Wear protective gloves. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield.

**Gloves:** Neoprene gloves are recommended.

**Control Parameters:**

Chemical Name	ACGIH TLV-TWA	ACGIH STEL	IDLH	OSHA STEL
Petroleum distillates, hydrotreated heavy paraffinic	No TLV	No STL	No IDLH	No STEL
Hydrotreated middle distillate	No TLV	No STL	No IDLH	No STEL

**IX. PHYSICAL AND CHEMICAL PROPERTIES**

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<b>Physical State:</b>	Liquid
<b>Color:</b>	Amber
<b>Odor:</b>	No data
<b>Viscosity:</b>	7.38 cSt @100°C
<b>Solubility in Water:</b>	Negligible; 0-1%
<b>Evaporation Rate:</b>	No data
<b>Vapor Pressure:</b>	No data
<b>Boiling Point (°C):</b>	No data
<b>Specific Gravity:</b>	0.86
<b>Density:</b>	7.19
<b>Flash Point (°C):</b>	193
<b>Flash Point Method:</b>	COC
<b>Upper Flammability Limit, % in air:</b>	Not determined
<b>Lower Flammability Limit, % in air:</b>	Not determined

**X. STABILITY AND REACTIVITY**

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**Stability:** Stable under normal conditions.



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- Conditions to Avoid:** Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition. Contamination.
- Materials to Avoid:** Strong oxidizing agents
- Hazardous Decomp. Products:** Carbon monoxide, sulfur oxides, aldehydes, and other petroleum decomposition products in the case of incomplete combustion. Oxides of nitrogen, phosphorus, calcium, copper, magnesium, sodium, and hydrogen sulfide may also be present.
- Hazardous Polymerization:** Will not occur.

## XI. TOXICOLOGICAL INFORMATION

### Acute Toxicity:

- Ingestion:** Lubricating oils are generally no more than slightly toxic if swallowed.
- Inhalation:** Toxic! Can cause systemic damage (see "Target Organs"). Respiratory failure is possible at high doses.
- Absorption:** Minimal hazard in normal industrial use. May cause gastrointestinal discomfort.
- Eyes (Draize score):** No data.
- Skin (Draize score):** No data.
- Sensitization:** No data.

### Component Toxicology Data (NIOSH):

Chemical Name	CAS Number	LD50/LC50
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	Inhalation LC50 Rat 2.18 mg/L 4 h; Oral LD50 Rat >2000 mg/kg; Dermal LD50 Rabbit >2000 mg/kg
Petroleum distillates, hydrotreated middle	64742-46-7	Inhalation LC50 Rat 4.6 mg/L 4 h; Oral LD50 Rat 7400 mg/kg; Dermal LD50 Rabbit >2000 mg/kg

## XII. ECOLOGICAL INFORMATION

- Overview:** Moderate ecological hazard. This product may be dangerous to plants and/or wildlife.
- Persistence:** No data.
- Bioconcentration:** Bioconcentration is not expected to occur.
- Degradability:** No data.

Toxicity to Aquatic Invertebrates:	CAS Number	Results
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	48 Hr EC50 Daphnia magna: >1000 mg/L
Toluene	108-88-3	48 Hr EC50 Daphnia magna: 5.46 - 9.83 mg/L [Static]; 48 Hr EC50 Daphnia magna: 11.5 mg/L
Toluene	108-88-3	96 Hr EC50 Pseudokirchneriella subcapitata: >433 mg/L; 72 Hr EC50 Pseudokirchneriella



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 subcapitata: 12.5 mg/L [static]

<b>Toxicity to Fish:</b>	<b>CAS Number</b>	<b>Results</b>
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L
Petroleum distillates, hydrotreated middle	64742-46-7	96 Hr LC50 Pimephales promelas: 35 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: >10000 mg/L [static]

### XIII. DISPOSAL CONSIDERATIONS

**Disposal of Packaging:** Recycle containers whenever possible.

**Disposal Methods:** Dispose of according to Federal, State, Local, or Provincial regulations. Recycle used oil.

### XIV. TRANSPORTATION INFORMATION

DOT & IMDG: NOT RESTRICTED

### XV. REGULATORY INFORMATION

**TSCA Status:** All ingredients in this product appear on the TSCA inventory.  
**NAFTA Tariff Code:** 3811.90.0000  
**State Restrictions:** ND  
**WHMIS:** This is not a WHMIS controlled product.

<b>Chemical Name</b>	<b>CAS Number</b>	<b>Regulation</b>	<b>% Range</b>
None Listed.		CERCLA RQ	
Toluene	108-88-3	SARA 313	0.001- 0.01
None Listed.		SARA 302-Extremely Hazardous Substances	
None Listed.		TSCA 12b export notification	
None Listed.		CA Prop 65 – Cancer	
Toluene	108-88-3	CA Prop 65 - Dev. Toxicity	0.001- 0.01
Toluene	108-88-3	CA Prop 65 - Reprod –fem	0.001- 0.01
None Listed		Canadian WHMIS List	
None Listed.		Massachusetts RTK List	
None Listed.		New Jersey RTK List	
None Listed.		Pennsylvania RTK List	



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None Listed.

Minnesota Hazardous  
Substance List

None Listed.

Rhode Island Hazardous  
Substance List

Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	Canadian Domestic Substance List	90 - 99
Petroleum distillates, hydrotreated middle	64742-46-7	Canadian Domestic Substance List	1 - 5
Toluene	108-88-3	Canadian Domestic Substance List	0.001- 0.01

### Consumer Product Safety Improvement Act of 2008 General Conformity Certification:

The Supplier identified in Section 1 of this MSDS has evaluated this product and certifies it to be labeled and packaged in compliance with the applicable provisions of the Federal Hazardous Substance Act as stated in 16 CFR 1500 and enforced by the Consumer Product Safety Commission, and where applicable the products that require Child Resistant Closures are packaged in accordance with the Poison Prevention Packaging Act as stated in 16 CFR 1700 and enforced by the Consumer Product Safety Commission. All closures have been tested in accordance with the latest protocols. No other testing is required to certify compliance with the above. The date of manufacture is stamped on the product container.

### XVI. ADDITIONAL INFORMATION

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**Created by:** HAZEMS

**Disclaimer:** This material safety data sheet and the information it contains is offered to you in good faith as accurate. We have reviewed any information contained in the data sheet which we have received from outside sources and we believe the information to be correct, but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product in a safe manner and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either expressed or implied.