

## MATERIAL SAFETY DATA SHEET

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**SECTION 1: GENERAL INFORMATION / HAZARDOUS INGREDIENTS**

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Product Name: Hartland Universal Tractor Hydraulic Fluid

Chemical Name: Petroleum oil blend  
Distributor: **Hartland Lubricants & Chemicals**

914 Commercial Court  
Onalaska, WI 54650

Information: (608) 779-6353

Revision Date: February 1, 2012

### 24 HOUR PROFESSIONAL EMERGENCY RESOURCE SERVICES (PERS) 1-800-633-8253

This material is not known to contain any chemical listed as a carcinogen or suspected carcinogen by OSHA, IARC or the National Toxicology Program (NIP) at a concentration greater than 0.1%.

Contains refined petroleum oil and selected additives

NFPA CODE:	Health: 0	Fire: 1	Reactivity: 0
HMIS CODE:	Health: 0	Flammability: 1	Reactivity: 0

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**SECTION 2: FIRE AND EXPLOSION HAZARDS**

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FLASH POINT, °F:	410-440
UPPER FLAMMABLE LIMIT:	Not determined
LOWER FLAMMABLE LIMIT:	Not determined
EXTINGUISHING MEDIA:	CO <sub>2</sub> ; dry chemical; foam; water spray; water fog.
SPECIAL FIREFIGHTING PROCEDURES:	Cool containers with H <sub>2</sub> O and remove from fire exposure.
UNUSUAL FIRE & EXPLOSION HAZARDS:	Empty containers could contain flammable vapors.

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**SECTION 3: HEALTH HAZARD DATA**

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ORAL TOXICITY:	Minimal hazard. Oral toxicity greater than 5,000 mg/kg.
EYE IRRITATION:	May be an eye irritant.
SKIN IRRITATION:	Possible redness and defatting may result from prolonged exposure.
OTHER:	Unknown
TLV:	5 mg/m <sup>3</sup> as oil mist.

### Emergency First Aid Procedures:

SKIN:	Wash with soap and water.
EYE:	Flush with large amounts of water. If irritation persists, get medical attention.
INHALATION:	Remove to fresh air. See physician if irritation persists.
ORAL:	Call physician. Do not induce vomiting.
ADDITIONAL:	None.

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**SECTION 4: SPECIAL PROTECTION INFORMATION**

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VENTILATION PROCEDURE: Normal shop ventilation adequate.  
GLOVE PROTECTION: Oil impervious gloves recommended.  
EYE PROTECTION: Not usually required, but goggles recommended.  
OTHER PROTECTION: None required.

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**SECTION 5: PHYSICAL DATA**

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VAPOR PRESSURE:	>1 mm Hg.	VAPOR DENSITY:	Not determined
SPECIFIC GRAVITY:	<1.00 @ 60 F	EVAPORATION RATE:	Not determined
WATER SOLUBILITY:	Slight	ODOR:	Mild hydrocarbon odor
PERCENT VOLATILE:	Not determined	APPEARANCE:	Amber liquid

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**SECTION 6: STABILITY**

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STABILITY: Stable  
INCOMPATIBILITY: Oxidizing agents  
POLYMERIZATION: Will not occur  
THERMAL DECOMPOSITION: Oxides of carbon, nitrogen, phosphorus; hydrogen sulfide.

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**SECTION 7: SPILL OR LEAK PROCEDURES**

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SPILL PROCEDURES Wear chemical splash goggles. Wear rubber boots. Prevent entry into sewers and waterways. Pick up free liquid for recycle/disposal. Absorb small amounts on inert material for disposal.  
WASTE DISPOSAL: If disposed of, this material may be hazardous for disposal under RCRA due to reactivity. Disposal should be in compliance with federal, state and local laws.

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**SECTION 8: SPECIAL PRECAUTIONS**

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SPECIAL PRECAUTIONS: Launder contaminated clothing before reuse. Wash skin thoroughly after handling. Avoid prolonged contact.

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**SECTION 9: TRANSPORTATION AND LABELING**

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DOT PROPER SHIPPING NAME: Not applicable  
DOT HAZARD CLASS: Not applicable

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**SECTION 10: OTHER REGULATORY INFORMATION**

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None

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