

## MATERIAL SAFETY DATA SHEET

**PRODUCT TRADE NAME:** Hartland TO-4 Power Fluids SAE 10, 30, 50

**Distributor:** Hartland Lubricants & Chemicals

914 Commercial Court

Onalaska, WI 54650

**Information:** 608-779-6353

**Revision Date:** November 29, 2011

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

**CHEMICAL NAME:** Petroleum Oil Blend

**NFPA CODE:** Health: 0 Fire: 1 Reactivity: 0

**HMIS SYSTEM:** Health: 0 Flammability: 1 Reactivity: 0

#### SECTION 1: HAZARDOUS INGREDIENTS

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

Contains refined petroleum oil and selected additives.

#### SECTION 2: FIRE AND EXPLOSION HAZARDS

**FLASH POINT:** 410-440°F

**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.

#### SECTION 3: HEALTH HAZARD DATA

**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:** 5mg/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. If irritation persists, get medical attention.

**ORAL:** Call physician. If swallowed do not induce vomiting.

**ADDITIONAL:** None.

#### SECTION 4: SPECIAL PROTECTION INFORMATION

**VENTILATION PROCEDURE:** Normal shop ventilation adequate.

**GLOVE PROTECTION:** Oil impervious gloves recommended.

**EYE PROTECTION:** Not usually required, but goggles recommended.

**OTHER PROTECTION:** Not required.

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**SECTION 5:                    PHYSICAL DATA**

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VAPOR PRESSURE:	>1mm 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.
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:	Laundry 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 determined
DOT HAZARD CLASS:	Not determined

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**SECTION 10:                  OTHER REGULATORY INFORMATION**

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None

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