

Hartland Lubricants & Chemicals

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MATERIAL SAFETY DATA SHEET

PRODUCT TRADE NAME:	Hartland Multi-Vis Hydraulic Oil		
REVISION DATE:	November 29, 2011		
EMERGENCY:	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 (NIP) at a concentration greater than 0.1%.

Contains refined petroleum oil and selected additives.

CAS # 64741-88-4

SECTION 2: FIRE AND EXPLOSION HAZARDS

FLASH POINT:	410-440°F
UPPER FLAMMABLE LIMIT:	Not determined
LOWER FLAMMABLE LIMIT:	Not determined
EXTINGUISHING MEDIA:	CO ₂ ; Dry chemical; foam; water spray; water fog.
SPECIAL FIREFIGHTING PROCEDURES:	Cool containers with H ₂ 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 ³ 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.

SECTION 5: PHYSICAL DATA

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

SECTION 6: STABILITY

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

SECTION 7: SPILL OR LEAK PROCEDURES

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.

SECTION 8: SPECIAL PRECAUTIONS

SPECIAL PRECAUTIONS:	Laundry contaminated clothing before reuse. Wash skin thoroughly after handling. Avoid prolonged contact.
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SECTION 9: TRANSPORTATION AND LABELING

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

SECTION 10: OTHER REGULATORY INFORMATION

None

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