

**Hartland Lubricants & Chemicals**

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**MATERIAL SAFETY DATA SHEET**

PRODUCT TRADE NAME:	<b>Hartland LS Gear Lube 80W90, 85W140</b>		
REVISION DATE:	November 29, 2011		
EMERGENCY:	<b>PROFESSIONAL EMERGENCY RESOURCE SERVICES 24 HOUR (PERS) 1-800-633-8253</b>		
CHEMICAL NAME:	Petroleum Oil Blend		
NFPA CODE:	Health: 0	Fire: 0	Reactivity: 0
HMIS SYSTEM:	Health: 0	Flammability: 0	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, additives and differential friction modifier less than 4%

**SECTION 2: FIRE AND EXPLOSION HAZARDS**

FLASH POINT, °F:	310
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.
RYE 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 irritation persists.
ORAL:	Call physician. 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:	None required.

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**SECTION 5:                      PHYSICAL DATA**

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VAPOR PRESSURE:	>1mm Hg.	VAPOR DENSITY:	Not determined
EVAPORATION RATE:	Not determined	ODOR:	Mild sulfurized
SPECIFIC GRAVITY:	<1.00 @60 °F	WATER SOLUBILITY:	Slight

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

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**SECTION 10:                      OTHER REGULATORY INFORMATION**

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**SARA SEC 313 SUPPLIER NOTIFICATION**

THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40CFR372:

<u>CAS#</u>	<u>CHEMICAL NAME</u>	<u>% WEIGHT</u>
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None

THIS INFORMATION MUST BE INCLUDED IN ALL MSDS's THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL.

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