

Hartland Lubricants & Chemicals

914 Commercial Court

Onalaska, WI 54650

608-779-6353

MATERIAL SAFETY DATA SHEET**SECTION 1: CHEMICAL PRODUCT IDENTIFICATION**

Product: **Hartland Multi Vehicle ATF**
Chemical Name: Automatic Transmission Fluid
Chemical Family: Blend
Emergency: **PROFESSIONAL EMERGENCY RESOURCE SERVICES
(PERS) 1-800-633-8253**
REVISION DATE: November 29, 2011

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

EXPOSURE GUIDELINES				OSHA		ACGIH	UNIT
Component/CAS Number	LO%	HI%		TWA	STEL	TWA STEL	
Limits for the product				5		5	MG/M3
ALIPHATIC PETROLEUM DISTILLATES							
64742-65-0	73.00	83.00		5		5	MG/M3
TRANSMISSION FLUID PACKAGE							

ADDITIONAL EXPOSURE LIMITS-----
OTHER LIMIT – OIL MIST: 5MG/M3

GOVERNMENT REGULATION
OSHA PEL / ACGIH TLV

SECTION 3: HAZARD IDENTIFICATION**Emergency Overview**

May cause skin irritation

Appearance: Red fluid**Odor:** Slight odor**Potential Health Effects:****Inhalation**

No effects expected

Ingestion

Swallowing small amounts of this material during normal handling is not likely to cause harmful effects.

Eye Contact

Unlikely to cause eye irritation or injury.

Skin Contact

Prolonged or repeated contact may dry and crack the skin. Additional symptoms of skin contact may include; acne, passage of this material into the body through the skin is possible, but it is unlikely that this would result in harmful effects during safe handling and use.

NFPA Rating: Health - 1 Flammability - 1 Reactivity - 0
Hazard Rating: 0=Least 1=Slight 2=Moderate 3=High 4=Extreme

SECTION 4: FIRST AID MEASURES

Inhalation

If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet: seek immediate medical attention.

Eye Contact

If symptoms develop, move individual away from exposure and into fresh air. Flush eyes gently with water while holding eyelids apart. If symptoms persist, or there is any visual difficulty, seek medical attention.

Skin Contact

First aid is not normally required. However, it is recommended that exposed areas be cleaned by washing with soap and water.

Ingestion

Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth: place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

SECTION 5: FIRE FIGHTING

FLASHPOINT (METHOD):	380°F Minimum COC; 193°C Minimum COC
FLAMMABLE LIMITS:	Not established
AUTOIGNITION TEMP:	675°F Estimated; 359°C Estimated
EXTINGUISHING MEDIA:	Regular foam, dry chemical, carbon dioxide

Fire Fighting Instructions

Water or foam may cause frothing which can be violent and possibly endanger the life of the firefighter. Water may be used to keep fire-exposed containers cool until fire is out.

Fire Fighting Equipment

Wear self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn out gear and chemical resistant protective clothing.

Hazardous Combustion Products

Normal combustion forms carbon dioxide and water vapor; incomplete combustion can produce carbon monoxide.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Spills or Leaks

Contain spill, advise EPA; state agency if required. Absorb on inert material, shovel, sweep or vacuum spill. Persons not wearing proper personal protective equipment should be excluded from area of spill.

SECTION 7: HANDLING AND STORAGE

Handling

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues, (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed. All five gallon pails and larger metal containers including tank cars and tank trucks should be grounded and/or bonded when material is transferred. Avoid prolonged or repeated contact.

Storage

Do not store near extreme heat, open flame, or sources of ignition.

Ventilation

Ventilate as needed to comply with exposure limit. General dilution ventilation acceptable.

SECTION 8: PERSONAL PROTECTIVE EQUIPMENT

Eye

Not required under normal conditions of use. However, if misting or splashing conditions exist, then safety glasses or chemical splash goggles are advised.

Skin

Wear resistant gloves (consult your safety equipment supplier). To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

Respirator

If workplace exposure limit (s) of product or any component is exceeded (See Exposure Guidelines), a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators (negative pressure type) under specified conditions (consult your industrial hygienist). Engineering or administrative controls should be implemented to reduce exposure.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Red fluid

Vapor Pressure: <0.0001 (MM HG @ 20°C)

Molecular Weight: N/A (G/MOLE)

Solubility in Water: NIL (% BY VOLUME)

Evaporation Rate: 1000X SLOWER (ETHYL ETHER=1)

Specific Gravity: 0.875 (WATER=1)

Viscosity: 6.9-8.0 CST @ 100°F 29.0-42.6 CST @ 40°C

Boiling Point: No data

Melting Point: No data

Packing Density: N/A

Octanol/Water Coefficient: No Data

Odor Threshold: N.D.

Vapor Density: 10+ (AIR=1)

Odor: Mild Petroleum odor

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: None known

Materials to Avoid: Strong oxidizing agents

Hazardous Polymerization: Will not occur

Hazardous Decomposition: May form: carbon dioxide and carbon monoxide, various hydrocarbons.

Incompatibility: Avoid contact with: strong oxidizing agents.

SECTION 11: TOXICOLOGICAL INFORMATION

FOR THE PRODUCT: No data

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: No data available

SECTION 13: DISPOSAL INFORMATION

Dispose of in accordance with all applicable local, state and federal regulations. This product, if discarded, is not considered a hazardous waste.

SECTION 14: TRANSPORTATION INFORMATION

DOT

PROPER SHIPPING NAME: Not regulated
HAZARD CLASS: Not regulated
ID NUMBER: Not regulated
LABEL REQUIRED: Not regulated
IMDG PROPER SHIPPING NAME: Not a dangerous good
IATA PROPER SHIPPING NAME: Not a dangerous good

SECTION 15: OTHER INFORMATION

The information on this form is furnished solely for the purpose of compliance with the OSHA Act, and shall not be used for any other purpose. The information herein is given in good faith and is based on data considered accurate. However, no warranty, expressed or implied, is made regarding the accuracy of this data or the results to be obtained from the use thereof.