

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: SoyFluid™ Hydraulic All Season

HMIS CODE: H F R P Health – 0 Fire – 1 Reactivity – 0 Personal Protection - B

CHEMICAL FAMILY: GLYCERIDE OIL-Based Fluid **CAS NUMBER:** NA

SECTION I - MANUFACTURER'S IDENTIFICATION

SOURCE: Environmental Lubricants Manufacturing, Inc.

ADDRESS: 1307 Badger Ave., Plainfield, IA 50666

24 HOUR EMERGENCY ASSISTANCE: Chemtrec: (800) 424-9300

GENERAL MSDS ASSISTANCE: (319) 276-4801

DATE PREPARED: 08/31/00

DATE REVISED: 09/21/06

SECTION II --COMPOSITION/INFORMATION ON INGREDIENTS

Compound	CAS #	OSHA TWA	OSHA STEL	ACGIH STEL
Soybean Oil	8001-22-7	15 mg/m ³ *	---	---
Additives Mixture**	Confidential	---	---	---

* OSHA TWA limit of 15 mg/m³ is for vegetable oil mist; however SoyFluid™ Hydraulic All Season is resistant to mist formation

**The specific chemical identity is being withheld as a trade secret by the additive supplier.

--- Not established

THE PRECISE COMPOSITION OF THIS PRODUCT IS PROPRIETARY INFORMATION. A MORE COMPLETE DISCLOSURE WILL BE PROVIDED TO A PHYSICIAN IN THE EVENT OF A MEDICAL EMERGENCY.

SARA HAZARD: NONE NOTED (SECNON 311/312) TITLE III SECTION 313 - NOT LISTED

All components of this product are listed on the TSCA registry.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: Not applicable

VAPOR DENSITY: Exceeds 1.0

SPECIFIC GRAVITY (H₂O=1.0): 0.892

VAPOR PRESSURE: Not applicable

PERCENT VOLATILE BY VOLUME: ND

SOLUBILITY IN WATER: Insoluble

EVAPORATION RATE: Not applicable

APPEARANCE AND ODOR: Amber oily liquid with faint odor.

WEIGHT PER GALLON: 7.44 lbs. at 60°F.

SECTION IV - FIRE AND EXPLOSION DATA

FLAMMABILITY CLASSIFICATION: Combustible Liquid - Class IIIB.

FLASH POINT: 208°C (406°F).

EXTINGUISHING MEDIA: CO₂, dry chemical, sand.

SPECIAL FIREFIGHTING PROCEDURES: Avoid use of water as it may spread fire by dispersing oil. Use water to keep fire-exposed containers cool.

SECTION V - REACTIVITY DATA

STABILITY: Product is stable under normal usage conditions.

CONDITIONS TO AVOID: High surface area exposure to oxygen can result in polymerization and release of heat.

INCOMPATIBILITY (MATERIALS TO AVOID): None

HAZARDOUS DECOMPOSITIONS OR BY-PRODUCTS: None

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VI - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: As a liquid - none.

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Excessive inhalation of fluid mist may affect the respiratory system. Oil mist is classified as a nuisance particulate by ACGIH.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Sensitive individuals may experience dermatitis after long exposure of oil on skin.

HEALTH HAZARDS (ACUTE AND CHRONIC): Acute: none observed by inhalation. Chronic: none reported.

EMERGENCY AND FIRST AID PROCEDURES FOR:

- **SKIN CONTACT:** May be removed from skin by washing with soap and warm water.
- **INHALATION:** Expose individual to fresh air source.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Depending on quantity of spill: (a) Small spill - add solid adsorbent, shovel into disposable container and hose down area. Clean area with detergent. (b) Large spill - Squeegee or pump into holding container. Clean area with detergent.

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state, and federal regulations.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION: Not normally needed.

VENTILATION: Intermittent clean air exchanges recommended, but not required.

PROTECTIVE GLOVES: Not normally needed.

EYE PROTECTION: Not normally needed.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store away from flame and fire, AND excessive heat.

SECTION X - DISCLAIMER AND/OR COMMENTS

We recommend that containers be either professionally reconditioned for re-use by certified firms or properly disposed of by certified firms to help reduce the possibility of an accident. Disposal of containers should be in accordance with applicable federal, state and local laws and regulations. "Empty" drums should not be given to individuals.

The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any representation or-warranty, expressed or implied, regarding its accuracy or correctness.

The conditions of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.