MATERIAL SAFETY DATA SHEET

Environmental Lubricants Manufacturing, Inc.
311 B. Avenue
Grundy Center, IA 50638

PRODUCT NAME: **Hydraulic Oil Food Grade ISO 32/46**
UltraLube® Part Numbers: 10583

HMIS CODE (H F R P): Health - 0, Fire - 1, Reactivity – 0, Personal Protection - B
TRADE NAME AND SYNONYMS:
CHEMICAL FAMILY: GLYCERIDE OIL-Based Fluid **CAS NUMBER:** NA

I. MANUFACTURER'S IDENTIFICATION

SOURCE: Environmental Lubricants Manufacturing, Inc.
ADDRESS: 311 B. Avenue, Grundy Center, IA 50638
24 HOUR EMERGENCY ASSISTANCE: Chemtrec: (800) 424-9300
GENERAL MSDS ASSISTANCE: (319) 824-5203
DATE PREPARED: 11/1/99
DATE REVISED: 07/22/2010

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/m^3 is for vegetable oil mist; however SoyFluid™ Hydraulic Food Grade is highly resistant to mist formation
**The specific chemical identity is being withheld by supplier as a trade secret.
--- 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.

III. PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: Not applicable
SPECIFIC GRAVITY (H_20=1.0): 0.916
PERCENT VOLATILE BY VOLUME: ND
EVAPORATION RATE: Not applicable
VAPOR DENSITY: Exceeds 1.0
VAPOR PRESSURE: Not applicable
SOLUBILITY IN WATER: Insoluble

APPEARANCE AND ODOR: Amber oily liquid with faint odor.
WEIGHT PER GALLON: 7.64 lbs. at 60 F.

IV. FIRE AND EXPLOSION DATA

FLAMMABILITY CLASSIFICATION: Combustible Liquid - Class IIIB.
FLASH POINT: Not determined.
EXTINGUISHING MEDIA: CO_2, 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.

V. REACTIVITY DATA

STABILITY: Generally stable.

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

INCOMPATABILITY (MATERIALS TO AVOID): None

HAZARDOUS DECOMPOSITIONS OR **BY-PRODUCTS:** None

HAZARDOUS POLYMERIZATION: Will not occur.

VI. HEALTH HAZARD DATA

THRESHHOLD 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.

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.

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.

IX. SPECIAL PRECAUTIONS

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

X. STATE R-T-K COMPOSITION INFORMATION (and Canada)

Component	CAS #	DSL	NDSL
Soybean Oil	8001-22-7	---	---
Additive Mixture*	Confidential	---	---

* The specific chemical identity is being withheld by suppliers as trade secret.
--- Not determined

XI. SARA TITLE III, SECTION 313 INFORMATION:

This product does not contain any SARA, Title III, Section 313 chemicals.

XII. RCRA INFORMATION

Regulated Waste: No

XIII. CERCLA INFORMATION

This product contains no materials with reportable quantities.

XIV. CALIFORNIA PROPOSITION 65 INFORMATION:

To the best of our knowledge, this product does not contain any California Proposition 65 designated chemicals

XV. TRANSPORTATION INFORMATION

D.O.T. Shipping Name: Not Regulated
D.O.T. Hazard Class: Not Regulated **D.O.T. UN/NA Number**: None

XVI. OTHER INFORMATION

None

SECTION XVII - DISCLAIMER AND/OR COMMENTS

To the best of our knowledge the information contained herein is accurate and reliable as of the date of this material safety data sheet. However no liability whatsoever is assumed for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.