

# MATERIAL SAFETY DATA SHEET

## SoyEasy™ OGL – Open Gear Lubricant

Environmental Lubricants Manufacturing  
1307 Badger Ave.  
Plainfield, Iowa 50666

**Date Issued:** 06/28/2005

**General MSDS Assistance:** (319) 352-5300

**Date Revised:** 08/15/2005

**24 Hour Emergency Assistance - CHEMTREC:** (800) 424-9300

### I. IDENTIFICATION & PHYSICAL/CHEMICAL DATA

**Product Name:** SoyEasy™ OGL

**Percent Volatile by Volume:** 0%

**Product Class:** Formulated Open Gear Lubricant

**Evaporation Rate:** Not Applicable

**Manufacturer's I.D.:** Biodegradable Open Gear Lubricant

**Boiling Range:** Not Applicable

**Synonyms and Trade Names:** SoyEasy™ OGL

**Vapor Density:** Exceeds 1.0

**CAS Number:** Not Applicable

**Vapor Pressure at 20 C:** Not Applicable

**Solubility In Water:** Insoluble

**Specific Gravity (H<sub>2</sub>O=1.0):** 0.936

**Appearance and Odor:** Amber oily liquid, Faint vegetable oil odor

**Weight per Gallon:** 7.81 lbs. at 60 °F

**HMIS Code (H F R P):** Health - 0, Fire - 1, Reactivity - 0

### II. COMPOSITION/INFORMATION ON INGREDIENTS

	CAS #	OSHA TWA	OSHA STEL	ACGIH TWA	ACGIH STEL
High Oleic Soybean Oil	8001-22-7	---	10 mg/m <sup>3</sup>	---	---
Additive Mixture*	Confidential	---	---	---	---

\*The specific chemical identity is being withheld by suppliers as a trade secret.

--- Not established

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. FIRE & EXPLOSION DATA

**Flash Point:** >450°F

**LEL:** No Data

**Flammability Classification:** Combustible Liquid - Class IIIB

**Extinguishing Media:** Use carbon dioxide, dry chemical, or sand for small fires; aqueous foam for large fires.

**Special Fire Fighting Procedures:** Avoid use of water as it may spread fire by dispersing the oil. Water may be used to keep fire-exposed containers cool. Wear self-contained breathing apparatus and complete personal protective equipment when entering confined areas where potential for exposure to vapors or products of combustion exists.

**Unusual Fire & Explosion Hazards:** Closed containers may rupture (due to buildup of pressure) when exposed to extreme heat.

### IV. REACTIVITY DATA

**Stability:** Stable

**Hazardous Polymerization:** Will not occur

**Conditions to Avoid:** Fire, excessive heat.

**Incompatibility (Materials to Avoid):** Strong oxidizing agents.

**Hazardous Decompositions or By-Products:** Fumes produced when heated to decomposition may include: carbon monoxide, carbon dioxide.

# MATERIAL SAFETY DATA SHEET

## V. HEALTH HAZARD DATA

### Effects of Overexposure:

**Eye Contact:** No specific information available.

**Ingestion:** No specific information available. Contains materials may be practically nontoxic.

**Inhalation:** Excessive inhalation of oil mist may irritate the respiratory system. Oil mist is classified as a nuisance particulate by ACGIH.

**Skin Absorption:** No specific information available. Contains materials that may be practically nontoxic.

**Skin Contact:** No specific information available. Contains materials that may cause skin irritation on prolonged or repeated exposure.

**Effects of Chronic Overexposure:** No information available.

### Emergency & First Aid Procedures:

**Eye Contact:** Flush with plenty of water for at least 15 minutes and seek medical attention if irritation persists.

**Ingestion:** If appreciable quantities are swallowed, seek medical attention.

**Inhalation:** In case of over-exposure to fumes if product is heated, remove person to fresh air. If breathing has stopped, administer artificial respiration and seek medical attention.

**Skin Contact:** Remove contaminated clothing and wash contact area with soap and water for 15 minutes. Seek medical attention if irritation persists

## VI. SPILL OR LEAK PROCEDURES

**Steps to Be Taken In Case Material Is Released or Spilled:** Depending on quantity of spill: (a) Small spill – add inert solid absorbent to spill, shovel into disposable container, flush area with water, and clean area with detergent. (b) Large spill – squeegee or pump spilled oil into holding container for disposal, then clean area as described for a small spill.

Spills or releases to the environment may be reportable to the National Response Center (800-424-8802) and to state and/or local agencies.

**Waste Disposal Method:** Landfill, incinerate, or use biological treatment in accordance with federal, state, and local regulations.

## VII. BIODEGRADABILITY

This product is more than 90% biodegradable as per OECD biodegradability test and is considered readily biodegradable.

## VIII. PRECAUTIONS FOR SAFE HANDLING AND USE

**Respiratory Protection:** Not normally needed. Wear a properly fitted NIOSH/MSHA approved respirator whenever exposure to vapor from heating product is likely and where ventilation is inadequate.

### Ventilation:

**Local Exhaust:** Intermittent clean air exchanges recommended when appropriate to control employee exposure.

**Mechanical:** Not recommended as the sole means of controlling employee exposure.

**Protective Gloves:** For operations where contact can occur, wear impervious gloves. Wash effected areas with soap and water.

**Eye Protection:** Eye protection is always recommended when handling chemicals.

**Other Protective Equipment:** For operations where contact can occur, a safety shower and eye wash facility should be available.

# MATERIAL SAFETY DATA SHEET

## IX. SPECIAL PRECAUTIONS

Store it in a dry place away from flame, fire, and excessive heat. Keep container closed. Avoid breathing mist and fumes when heating during use.

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

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

\* The specific chemical identity is being withheld as a 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

Under EPA-CERCLA releases to air, land, or water which exceed the reportable quantity must be reported to the National Response Center (800-424-8802).

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

To the best knowledge of Environmental Lubricants Manufacturing, Inc., (ELM) 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.