# SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

UltraLube® H1 Food Machinery Grease #2 – 10340, 10342

Identification of the

substance/preparation

Use of the

substance/preparation

**Lubricating Grease** 

Version No. **Revision date** 

17-September-2012

CAS No.

Mixture

**Supplier** 

Plews & Edleman

1550 Franklin Grove Road

Dixon. IL 61021 815-288-3344

Manufacturer

**Address** 

Environmental Lubricants Manufacturing, Inc.

311 B Ave -Grundy Center, IA 50638

**SDS Questions:** 

(319) 824-5203

**Emergency telephone:** 

CHEMTREC: (800) 824-9300

### 2. HAZARDS IDENTIFICATION

This preparation is not classified as dangerous according to Directive 1999/45/EC and its amendments.

Physical hazards Not classified as a physical hazard.

Health hazards Not Classified as a health hazard.

Not Toxic-Not classified as an environmental hazard. **Environmental hazards** 

Specific hazards May form vapors or oil mists during mechanical action or at elevated temperatures which may be

> irritating to the respiratory tract. Excessive inhalation of oil mist may affect respiratory system. Dermatitis after prolonged exposure. Prolonged or repeated contact with skin may cause redness,

itching, irritation, eczema/chapping and oil acne.

Main symptoms Irritant effects. Irritation of eyes and mucous membranes.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	Classification	CAS-No.	%	EC-No. / REACH Registration No.	Notes
Vegetable Oil	-	120962-03-0	75-95	273-315-5	

**Composition comments** 

The full text for all R-phrases is displayed in Section 16. All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

#### 4. FIRST-AID MEASURES

Inhalation Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact Remove contaminated clothes and rinse skin thoroughly with water for at least 15 minutes. In

case of rashes, wounds or other skin disorders: Seek medical attention and bring along these

instructions.

Eye contact Immediately flush eyes with plenty of water for at least 15 minutes. Remove any contact lenses

and open eyes wide apart. Get medical attention if irritation develops or persists.

Ingestion

Drink 1 or 2 glasses of water. Get medical attention if any discomfort continues.

Most important symptoms and

Effects Symptoms include itching, burning, redness, and tearing of eyes.

**General advice** Get medical attention if any discomfort develops.

**Notes to physician** Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media** Dry chemical, foam, carbon dioxide.

Extinguishing media which must not be used for safety

reasons Do not use water jet as an extinguisher, as this will spread the fire.

Unusual fire & explosion

Hazards None known

Specific hazards Thermal decomposition may produce smoke, oxides of carbon and lower molecular weight

organic compounds whose composition have not been characterised.

Special protective equipment

for fire-fighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in

the workplace.

Fire fighting

equipment/instructions Move containers from fire area if you can do it without risk. Use water spray to cool unopened

containers. Cool containers with flooding quantities of water until well after fire is out.

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions When working with heated grease, mechanical ventilation may be required. Remove sources of

ignition. Avoid contact with skin and eyes. For personal protection, see Section 8. In case of spills,

beware of slippery floors and surfaces.

**Environmental precautions**Do not allow to enter drains, sewers or watercourses. Collect and dispose of spillage as indicated

in Section 13. Contact local authorities in case of spillage to drain/aquatic environment.

**Methods for cleaning up**Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible.

Small Spills: Absorb spillage with oil-absorbing material.

Large Spills: Absorb spilled substance with sand or earth.

### 7. HANDLING AND STORAGE

**Handling** Handle and open container with care. Wear appropriate personal protective equipment. Avoid

prolonged and repeated contact with grease, particularly used grease. Always remove grease with soap and water or skin cleaning agent, never use organic solvents. Use work methods which minimise production of vapours and mists. Observe good industrial hygiene practices.

Storage Keep away from heat, sparks and open flame. Store in a cool and well-ventilated place. Store

away from incompatible materials.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits No exposure limits noted for ingredient(s).

**Exposure controls** Provide adequate ventilation. When working with heated oil, mechanical ventilation may be

required. Provide access to washing facilities including soap, skin cleanser and fatty cream.

Occupational exposure controls

Respiratory protection

In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment

with particle filter (type P2). Seek advice from local supervisor.

**Hand protection** Wear protective gloves. Nitrile gloves are recommended. Suitable gloves can be recommended

by the glove supplier.

**Eye protection** If risk of splashing, wear safety goggles or face shield.

Skin and body protection Wear suitable protective clothing. Frequent change of gloves is advisable.

**General** Use personal protective equipment as required. Personal protective equipment should be chosen

according to the CEN standards and in discussion with the supplier of the personal protective

equipment.

**Environmental exposure** 

**Controls**Contain spills and prevent releases and observe national regulations on emissions.

**Hygiene measures**Handle in accordance with good industrial hygiene and safety practices. Wash hands after

handling. Launder contaminated clothing before reuse.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Grease.

Physical state Semi-Solid.

Form Grease.

Colour Golden.

Odour Characteristic vegetable oil.

Odour threshold Not available.

**pH** Not available.

Boiling point Not available.

Flash point NA

Flammability Not available.

Flammability limits in air, upper,

% by volume Not available.

Flammability limits in air, lower,

% by volume Not available.

Vapour pressure < 0.5 mm Hg at 20 °C

Relative density 0.92

Solubility (water) Practically insoluble

Partition coefficient

(n-octanol/water) Not available.

Viscosity Not available.

Vapour density > 1 (Air = 1)

**Evaporation rate** < 1 (n-Butylacetate = 1)

Melting point Not available.

Freezing point Not available.

Auto-ignition temperature Not available.

**VOC** 0 %

## 10. STABILITY AND REACTIVITY

**Stability** Stable at normal conditions.

**Conditions to avoid** High temperatures. Exposure to light. Contact with incompatible materials.

Materials to avoid Strong oxidising agents.

**Hazardous decomposition** 

**Products** At thermal decomposition temperatures, carbon monoxide and carbon dioxide. Nitrogen oxides.

Hazardous polymerisation Hazardous polymerisation does not occur.

#### 11. TOXICOLOGICAL INFORMATION

Acute toxicity May form vapours or oil mists during mechanical action or at elevated temperatures which may be

irritating to respiratory tract. Excessive inhalation of oil mist may affect respiratory system.

Causes skin and eye irritation. Swallowing may cause gastrointestinal irritation.

**Routes of exposure** Eye contact. Inhalation. Skin contact.

**Chronic toxicity** Degreasing. Prolonged or frequent contact may cause redness, itching and eczema/chaps.

**Sensitisation** The product contains a small amount of sensitising substance which may provoke an allergic

reaction among sensitive individuals.

**Carcinogenicity** No carcinogenicity data available for this product.

Mutagenicity

No test data available for the product.

Reproductivity

No test data available for the product.

**Epidemiology** No epidemiological data is available for this product.

**Local effects** Irritating to eyes and skin. May cause redness and pain.

### 12. ECOLOGICAL INFORMATION

**Ecotoxicity** Greases are generally hazardous to the environment.

**Mobility** The product is immiscible with water and will spread on the water surface.

**Persistence and degradability** No data available.

**Bioaccumulation** No data available.

Aquatic toxicity No data available for this product.

## 13. DISPOSAL CONSIDERATIONS

**Disposal instructions** Dispose in accordance with all applicable regulations.

Waste from residues / unused

**Products** Dispose of in accordance with local regulations.

EU wastecodes 20 01 26\*
14. TRANSPORT INFORMATION

ADR Not regulated as dangerous goods.

IATA Not regulated as dangerous goods.

**IMDG** Not regulated as dangerous goods.

### 15. REGULATORY INFORMATION

Other regulations This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006 as

amended.

## **16. OTHER INFORMATION**

### **Inventory status**

Country(s) or region	Inventory name	On inventory (yes/no)*
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes

Europe European List of Notified Chemical Substances (ELINCS) No \*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

Disclaimer The information given is based on data available for the material, the components of the material,

and similar materials.

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