

# Safety Data Sheet

## **Section 1: Identification**

### **Vegetable Oil Refining By-products Lipids (Soya soapstocks)**

CAS No.: 68918-42-3

Manufactured by: Owensboro Grain Edible Oils      1145 Ewing Road  
P.O. Box 1787      Owensboro, KY 42302  
(270) 926-2032

Emergency Health and Safety Number:      270-686-6628

## **Section 2: Hazard Identification**

Classification: Not classified

### Label elements:

GHS-US labeling: Not applicable

### Hazard Statement:

Surfaces coated with vegetable oil products are slippery. Temperature may be hot during/after processing. Avoid contact with hot product to prevent thermal burns.

There are a small number of individuals who may have allergic sensitivity to ingestion of various soy-derived products.

### Fire Hazard:

A risk of auto ignition/spontaneous combustion under high temperature, closed conditions if material is absorbed on various fiber matrices and oxygen is present (e.g. oily rags and sorbent materials).

## **Section 3: Composition Information on Ingredients**

Vegetable Oil Refining By-products Lipids (Soapstock) consists of a variety of fatty materials resulting from the alkalization of raw soybean oil.

## **Section 4: First Aid Measures**

**Inhalation:** Due to the extremely low volatility of this product, inhalation exposures are not expected.

**Ingestion:** If swallowed, give several glasses of water to dilute. Never give anything by mouth to an unconscious person.

**Skin Contact:** Wash affected skin with soap and water.

**Eye Contact:** Flush eyes with water. Seek medical attention as needed.

There are a small number of individuals who may have allergic sensitivity to ingestion of various soy-derived products.

### **Section 5: Fire Fighting Measures**

Hazardous Combustion Products: Oxides of Carbon, aldehydes

Special Fire Fighting Procedures: Class B fire. Extinguish with carbon dioxide, dry chemical powder or foam. Application of water to burning material could cause splashing and spread the fire.

Unusual Fire and Explosion Hazard: A risk of auto ignition/spontaneous combustion under high temperature, closed conditions if oily materials are absorbed on various fiber matrices and oxygen is present (e.g. oily rags and absorbent materials).

### **Section 6: Accidental Release Measures**

Small spills may be cleaned up with absorbent materials. Store used sorbents in tight metal containers to limit potential for spontaneous combustion. Larger releases should be contained for recovery or disposal.

### **Section 7: Handling and Storage**

A risk of auto ignition/spontaneous combustion under high temperature, closed conditions if oil is absorbed on various fiber matrices and oxygen is present (e.g. oily rags).

### **Section 8: Exposure Control/Personal Protection**

Respiratory Protection: Not required under normal handling conditions.

Ventilation: Local exhaust not required

Mechanical (General): Not applicable.

Protective Gloves: Rubber or neoprene gloves may be used to prevent skin contact

Eye Protection: Safety glasses/goggles recommended.

No occupational exposure limits have been established for this material.

Work/Hygienic Practices: Good personal hygiene practices should be followed. Wash hands and face before eating, drinking, etc.

### **Section 9: Physical and Chemical Properties**

Flashpoint (Method): 540 F (Closed cup)

Flammable Limits: LEL: Unknown UEL: Unknown

Auto-ignition Temperature: Unknown

Appearance: Thin to thick yellow liquid with rancid odor.

Evaporation rate: Less than 1

Specific Gravity: 0.93 – 1.00

Vapor density: Greater than 1

Solubility in Water: Soluble

**Section 10: Stability and Reactivity**

Stability: Stable                      Conditions to Avoid: Avoid extended heating or overheating.

Incompatibility (Materials to avoid): None known

Hazardous Decomposition or Byproducts: Oxides of Carbon, aldehydes may be given off during combustion.

Hazardous Polymerization: Will not occur                      Conditions to Avoid: N/A

**Section 11: Toxicological Information**

Routes of Entry: Inhalation: Unlikely                      Skin: Yes                      Eyes: Yes                      Ingestion: Unlikely  
Carcinogenicity: No                      OSHA Regulated: No

May be mild irritant to skin and eyes. Adverse effects from over-exposure are not generally expected. There are a small number of individuals who may have allergic sensitivity to ingestion of various soy-derived products.

Medical Conditions Generally Aggravated by Exposure: Soy Allergies.

**Section 12: Ecological Information** (Non-mandatory)

**Section 13: Disposal Considerations** (Non-mandatory)

**Section 14: Transport Information** (Non-mandatory)

**Section 15: Regulatory Information** (Non-mandatory)

Section (b)(5)(iii) of the HCS (29 CFR 1910.1200) exempts food, including feed, from the labeling requirements of the HCS since the food/feed is subject to the labeling requirements of the Food and Drug Administration.

**Section 16: Other Information**

The information on this SDS is believed to be accurate. However, each purchaser should make its own determination about the suitability of the product for its purposes. The manufacturer assumes no responsibility for any risk or liability arising from the use of this information or the product.

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