



## MSDS - Soya Oil

Rev. June 25, 2011

### Section 1. Product Identification

Common/Trade Name: Crude, degummed soybean oil

CAS No.: 8001-22-7

Distributed by Pestell Minerals & Ingredients, New Hamburg, ON Canada

24 Hour Emergency Telephone (Canutec): 613-996-6666

### Section 2. Hazardous Ingredients

Soybean Oil: TWA (ppm) 15 mg/m<sup>3</sup> 100% by weight

Oral (LD50): Acute: Not available

Dermal (LD50): Acute: Not available

Vapor (LC50): Acute: Not available

### Section 3. Physical Data

Physical State and Appearance: Pale yellow to brownish-yellow liquid

pH (1% soln/water): Not applicable

Odor Threshold: Not available

Melting Point: -20°C (-4°F)

Boiling Point: Not available

Specific Gravity: 0.992 (water=1) at 20°C

Vapor Density: Not available

Vapor Pressure: Not available

Water/Oil dist.coeff: Not available

Insoluble in cold water

### Section 4. Fire and Explosion Data

Flash Point (closed cup): 282.22°C (54°F)

Flammable Limit: Not available

Extinguishing Media: Carbon Dioxide, dry chemical or foam

#### Special Fire Fighting Procedures:

**Class B Fire:** Application of water to burning oil can cause spattering. Oil will float on water. Fire fighters should

wear self-contained breathing apparatus and full protective clothing when fighting chemical fires.

**Unusual Fire and Explosion Hazards:** Possible risk of auto-ignition/spontaneous combustion under high temperature/closed containers if material is absorbed on various fiber matrices and if oxygen is present.

## Section 5. Reactivity Data

Stability: N/A

Hazardous Decomposition Products: Not available

## Section 6. Toxicological Properties

Routes of Entry: Eyes, skin, inhalation, ingestion

TLV TWA: 15 mg/m<sup>3</sup> from OSHA inhalation total

### Health Hazards (Acute and Chronic)

Ingestion: None, material is a food.

Inhalation: Under mist conditions, no short term inhalation limits

Skin/Eyes: Flush and Rinse, particularly for eye contact. No significant skin reaction expected.

Carcinogenicity: No

Emergency and First Aid Procedures: Flush eyes with water for at least 15 minutes.

## Section 7. Safe Handling and Use

Spills or Release: No specific hazards, material is non hazardous. If in mist form and levels are above 15mg/m<sup>3</sup> (Total), a dust mask and goggles are recommended.

Waste Disposal: Physically clean up, check local landfill disposal requirements.

Other Precautions: Soiled rags or absorbent materials should not be kept under high temperature, closed conditions in the presence of oxygen.

## Section 8. Control Measures

Respiratory: None, unless mist conditions

Ventilation: N/A

Local Exhaust: Under extreme mist conditions only

Eye Protection: Safety glasses

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