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MATERIAL SAFETY DATA SHEET

SHREDDER LUBRICANT ITEM #41535

SECTION 1 - PRODUCT INFORMATION

Product Name: Soybean Oil

Company Information: Pyramid Technologies, LLC
45 Gracey Avenue
Meriden, CT 06451

Emergency Phone Number: 888-479-7264
ChemTel 24/7 800-255-3924

Date Prepared: 7/19/2007

SECTION II - INGREDIENTS / IDENTITY INFORMATION

Components (Common Name; Specific Identity): GRAS under Food, Drug and Cosmetic Act
Soybean Oil CAS# 8001-22-7

NFPA Hazardous Classification:

Health 0 Flammability 1 Reactivity 0

SECTION III - PHYSICAL CHARACTERISTICS

Viscosity (centipoise): 50.9 @ 25 EC **Specific Gravity:** 0.917 - 0.921 @ 25EC
Specific Heat (cal/g): 0.458 @ 19.7 EC **Freezing Point:** -4.0EF = -20.0EC
Heat of Combustion (cal/g): 9478 **Evaporation Point (Butyl Acetate = 1):** Less than 1
Smoke Point: 240 EC, 464 EF **Fire Point:** 360EC, 680EF
Solubility in Water: Not Soluble; Liquid Tension (Est) 25 dynes / cm @ 20EC

SECTION IV - FIRE AND EXPLOSION DATA

Flash Point: 330EC, 626EF (closed cup) **Ignition Temperature:** 445EC, 833EF
Flammable Limits: N/A LEL N/A UEL N/A
Extinguishing Media: Foam, Carbon Dioxide or Dry Chemical
Special Fire Fighting Procedure: Class B fire; Application of water to burning oil can cause splattering of burning oil as oil will float on water.
Unusual Fire and Explosion Hazards: Explosion hazards: None Possible risk of auto-ignition under high temperature and closed conditions if material is absorbed on various fiber matrices and oxygen is present.

SECTION V - REACTIVITY DATA

Stability: Stable **Incompatibility:** None
Hazardous Decomposition: None **Hazardous Polymerization:** None

SECTION VI - HEALTH HAZARD DATA

Route(s) of entry:	Inhalation?	Skin?	Ingestion?
	YES	YES	YES



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Health Hazards (Acute and Chronic): **Inhalation:** Under mist conditions; no short-term inhalations limits
Skin / Eye: Flush & rinse, particularly for eye contact; no significant skin reaction expected.
Ingestion: None, material is food
Carcinogenicity: None

Emergency and first aid : Eyes: Flush with water for at least 15 minutes

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is released or spilled: No specific hazards; Material is non-hazardous; If in mist form and levels are above 15mg/m³, a dusk mask is advisable.

Waste Disposal Method: Review local regulations before cleaned-up materials are introduced into the sewer system.

Precautions for handling and storage: None

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

SECTION VIII - CONTROL MEASURES

Respiratory Protection: None unless mist conditions **Ventilation:** Local exhaust for extreme mist conditions.

Protective Gloves: Not Applicable **Eye Protection:** Safety glasses

Other Protective Clothing or Equipment: Not Applicable **Work/hygienic Practices:** Not Applicable

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