



U. S. Department of Labor

MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be consulted for specific requirements

Identity (As Used on Label and List)

CAS#68918-03-6

WINTERIZED SOYBEAN OIL

Section I – Manufacturer's Information

Manufacturer's Name

ARCHER DANIELS MIDLAND COMPANY

Emergency Telephone Number

217/424-5200

Address (Number, St, City, St & Zip)

4666 FARIES PARKWAY
DECATUR, IL 62525

Telephone Number for Information

217/424-5200

Date Prepared

JANUARY 2008

Section II – Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s)):

WINTERIZED SOYBEAN OIL

OSHA PEL

15mg/m³ (Total particulate); 5 mg/m³ (Respirable particulate)
(pertains to mist only)

Other Limits Recommended % (optional)

N/A

NFPA Rating: HEALTH – 0; FLAMMABILITY – 1; REACTIVITY – 0

Section III – Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O=1)	0.92
Vapor Pressure (mm Hg.)	0.05 mm	Melting Point	NIL
Vapor Density (AIR=1)	N/A	Evaporation Rate (Butyl Acetate=1)	NIL

Solubility in Water: INSOLUBLE.

Appearance and Odor: AMBER COLOR, SLIGHT CHARACTERISTIC ODOR AND TASTE.

Section IV – Fire and Explosion Hazard Data

Flash Point (method used)

540°F (CLOSED CUP)

Flammable Limits

N/A

LEL

N/A

UEL

N/A

Extinguishing Media: DRY CHEMICAL, FOAM OR CARBON DIOXIDE

Special Fire Fighting Procedures: N/A

Unusual Fire and Explosion Hazards: N/A

Section V – Reactivity Data

Stability N/A	Unstable N/A	Conditions to avoid N/A	Stable X
Incompatibility (Materials to avoid): OXIDIZING AGENTS			
Hazardous Decomposition or Byproducts: N/A			
Hazardous polymerization N/A	May occur N/A	Conditions to avoid N/A	Will not occur X

Section VI – Health Hazard Data

Route(s) of entry:	Inhalation? YES	Skin? YES	Ingestion? YES
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Health Hazards (Acute and Chronic)

INGESTION: NONE, MATERIAL IS A FOOD. INHALATION: UNDER MIST CONDITIONS, NO SHORT TERM INHALATION LIMITS. SKIN/EYE: FLUSH AND RINSE, PARTICULARLY FOR EYE CONTACT. NO SIGNIFICANT SKIN REACTION EXPECTED.

Carcinogenicity: NO	NTP? N/A	IARC Monographs? N/A	OSHA regulated? N/A
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Signs and Symptoms of Exposure N/A	Medical conditions generally aggravated by exposure N/A
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Emergency and first aid procedures: 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**

CONTAIN SPILLS AND PICK UP - USE SAND OR ABSORBENT MATERIALS; AVOID LOSSES TO WATERWAYS.

Waste Disposal Method

PHYSICALLY CLEAN UP, CHECK LOCAL LANDFILL DISPOSAL REQUIREMENTS.

Precautions to be taken in handling and storing

NO SPECIAL REQUIREMENTS.

Other Precautions

SOILED RAGS OR ABSORBENT MATERIALS SHOULD NOT BE KEPT UNDER HIGH TEMPERATURE, CLOSED CONDITIONS IN THE PRESENCE OF OXYGEN.

Section VIII – Control Measures

Respiratory Protection (Specify Type) NONE, UNLESS MIST CONDITIONS		Ventilation N/A	Local Exhaust UNDER EXTREME MIST CONDITIONS ONLY	
Special N/A	Mechanical (General) N/A	Other N/A	Protective Gloves N/A	Eye Protection SAFETY GLASSES
Other protective clothing or equipment NONE			Work/Hygienic Practices N/A	