



## 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/m<sup>3</sup> (Total particulate); 5 mg/m<sup>3</sup> (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

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

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

## Section VI – Health Hazard Data

<b>Route(s) of entry:</b>	<b>Inhalation?</b> YES	<b>Skin?</b> YES	<b>Ingestion?</b> 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.

<b>Carcinogenicity:</b> NO	<b>NTP?</b> N/A	<b>IARC Monographs?</b> N/A	<b>OSHA regulated?</b> N/A
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<b>Signs and Symptoms of Exposure</b> N/A	<b>Medical conditions generally aggravated by exposure</b> 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

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