

BRENNTAG
SOYBEAN OIL SUPERB CLEAR FRY



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

Form Approved
OMB No. 1218-0072
Occupational Safety and Health Administration
(Non-Mandatory Form)

Rec'd
2-16-06

Identity (As Used on Label and List)

CAS# 8016-70-4

104-112 – Superb Winterized Clear Frying Shortening

Section I – Manufacturer's Information

Manufacturer's Name

ARCHER DANIELS MIDLAND COMPANY – Packaged Oils

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

4666 FARIES PARKWAY
DECATUR, IL 62525

Emergency Telephone Number

(800) 637-5843

Telephone Number for Information

217/424-4265

Date Prepared

November 9, 2005

Section II – Hazard Ingredients/Identity Information

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

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 (H₂O=1) 0.914-0.926 @ 20/20°C

Vapor Pressure (mm Hg.) 0.05mm @ 308°C

Melting Point

N/A

Vapor Density (AIR=1) N/A

**Evaporation Rate
(Butyl Acetate=1)**

LESS THAN 1

Solubility in Water: NOT SOLUBLE. LIQUID SURFACE TENSION (EST.) 25 DYNES/cm AT 20° C

Appearance and Odor: PALE YELLOW TO BROWNISH – YELLOW LIQUID

Section IV – Fire and Explosion Hazard Data

Flash Point (method used): >500°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:

CLASS B FIRE; APPLICATION OF WATER TO BURNING OIL CAN CAUSE SPLATTERING, OIL WILL FLOAT ON WATER.

Unusual Fire and Explosion Hazards: EXPLOSION HAZARDS: NONE. POSSIBLE RISK OF AUTO IGNITION/SPONTANEOUS COMBUSTION UNDER HIGH TEMPERATURE/CLOSED CONDITIONS IF MATERIAL IS ABSORBED ON VARIOUS MATRICES & OXYGEN PRESENT.

Section V – Reactivity Data

Stability N/A	Unstable N/A	Conditions to avoid N/A	Stable X
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Incompatibility (Materials to avoid):**Hazardous Decomposition or Byproducts:**

Hazardous polymerization N/A	May occur N/A	Conditions to avoid N/A	Will not occur X
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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**

NO SPECIFIC HAZARDS; MATERIAL IS NON-HAZARDOUS; CONTAIN SPILLS AND PICK UP – USE SAND OR ABSORBANT MATERIALS

Waste Disposal Method

REVIEW LOCAL REGULATIONS BEFORE CLEANED UP MATERIALS ARE INTRODUCED INTO SEWER SYSTEMS OR WASTE TREATMENT SYSTEMS.

Precautions to be taken in handling and storing

AVOID EXCESSIVE HEAT IN STORAGE TO MAINTAIN PRODUCT QUALITY. IF A MARGARINE PRODUCT STORE AT REFRIGERATED TEMPERATURES.

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
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Special N/A	Mechanical (General) N/A	Other N/A	Protective Gloves N/A	Eye Protection SAFETY GLASSES
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Other protective clothing or equipment:	NONE	Work/Hygienic Practices: N/A
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