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# MATERIAL SAFETY DATA SHEET

## SECTION 1 - PRODUCT DESCRIPTION

TRADE NAME (COMMON NAME OF SYNONYM)  
*Soy Meth Oil*

COMPANY PRODUCT CODE

CHEMICAL NAME: Fatty Acid Methyl Esters

AGRICULTURAL DESIGNATION

*Multi-component methylated seed oil*

## SECTION II - HAZARDOUS INGREDIENTS (MIXTURE)

CHEMICAL & CAS NO.

% PERCENT  
PROPRIETARY

TLV OR PEL  
N/A

## SECTION III – PHYSICAL DATA

BOILING POINT: 212°F

SPECIFIC GRAVITY: 0.874

WATER SOLUBILITY: Soluble

PH OF SOLUTION:

APPEARANCE: Clear to amber liquid

ODOR: Fatty Acid

SALTING-OUT TEMPERATURE: Less than 0° F

VAPOR PRESSURE: N/A

% VOLATILE BY VOLUME: N/A

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

FLAMMABLE LIMIT-LEL: Water Solution

EXTINGUISHING MEDIA: Water spray, Foam, Carbon Dioxide, Dry-Chemical

SPECIAL FIRE FIGHTING PROCEDURES: Wear positive pressure, self-contained breathing apparatus (SCBA) and goggles. Avoid exposure to smoke or fumes. Contain any liquid runoff.

UNUSAL FIRE AND EXPLOSION HAZARDS: Avoid high temperatures that may cause thermal decomposition or explosion, especially in confined or poorly ventilated spaces.

## **SECTION V - HEALTH AND FIRST AID DATA**

**EFFECTS OF OVER EXPOSURE:** LIQUID CONTACT MAY CAUSE SLIGHT EYE IRRITATION AND REPEATED SKIN EXPOSURE MAY CAUSE SOME SKIN IRRITATION.

**SYMPTOMS OF OVER EXPOSURE:**

**SKIN:** PROLONGED OR REPEATED EXPOSURE MAY CAUSE SKIN ULCERATIONS AND/OR BURNS

**EYES:** MAY CAUSE INFLAMMATION, REDNESS, AND POSSIBLE DAMAGE WITH PROLONGED EXPOSURE.

**INHALATION:** IT MAY CAUSE HEADACHES, NAUSEA, OR WEAKNESS IN CASE OF PROLONGED EXPOSURE. OXYGEN CAN BE ADMINISTERED IF BREATHING BECOMES DIFFICULT.

**FIRST-AID MEASURES**

**INHALED:** NO ADVERSE EFFECTS ANTICIPATED BY THIS ROUTE OF EXPOSURE.

**INGESTED:** CALL PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY FOR MOST CURRENT INFORMATION. DILUTE WITH LARGE AMOUNTS OF WATER. DO NOT INDUCE VOMITING UNLESS DIRECTED TO DO SO BY A MEDICAL PROFESSIONAL.

**SKIN CONTACT:** WASH THOROUGHLY WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE.

**EYE CONTACT:** FLUSH IMMEDIATELY WITH WATER FOR AT LEAST 15 MINUTES, LIFTING THE UPPER AND LOWER EYELIDS OCCASIONALLY.

## **SECTION VI - REACTIVITY DATA**

STABILITY: STABLE UNDER NORMAL CONDITIONS AND PRESSURE.

CONDITIONS TO AVOID IF UNSTABLE:

INCOMPATIBILITY WITH OTHER MATERIALS:

HAZARDOUS DECOMPOSITION PRODUCTS:

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID UNCONTROLLED POLYMERIZATION: NOT APPLICABLE

## **SECTION VII - SPILL & DISPOSAL PROCEDURES**

FOR SMALL OR INCIDENTAL SPILLS, THE MINIMUM PERSONAL PROTECTIVE EQUIPMENT SHOULD BE RUBBER GLOVES, RUBBER APRON, AND CHEMICAL GOGGLES.

UNCONTROLLED RELEASES SHOULD BE RESPONDED TO BY TRAINED PERSONNEL USING PRE-PLANNED PROCEDURES. PROPER PROTECTIVE EQUIPMENT SHOULD BE USED. GAS MASKS WITH AMMONIA CANISTER OR SCBA GEAR MAY BE REQUIRED. FOR LARGE SPILLS, CONTAIN BY DIKING WITH SOIL OR OTHER NON-COMBUSTIBLE ABSORBENT MATERIAL. DILUTION WITH WATER WILL REDUCE THE RELEASE OF AMMONIA VAPORS. KEEP MATERIAL OUT OF SEWERS, STORM DRAINS, AND SURFACE WATERS. COMPLY WITH ALL APPLICABLE GOVERNMENT REGULATIONS ON SPILL REPORTING, HANDLING, AND WASTE DISPOSAL.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

### **RESPIRATORY PROTECTION:**

IF WORK CONDITIONS GENERATE VAPORS OR MIST, WEAR A NIOSH APPROVED RESPIRATOR APPROPRIATE FOR THOSE EMISSION LEVELS.

**VENTILATION:** GOOD GENERAL VENILATION SHOULD BE SUFFICIENT FOR MOST CONDITIONS.

**PROTECTIVE GLOVES:** WEAR IMPERVIOUS GLOVES.

**EYE PROTECTION:** CHEMICAL SAFETY GOGGLES WITH SIDE SHEILDS. AS A GENERAL RULE, DO THIS HANDLING CHEMICALS.

**OTHER PROTECTIVE EQUIPMENT:** AN EYEWASH AND SAFETY SHOWER SHOULD BE NEARBY AND READY TO USE.

## SECTION IX - SPECIAL PRECAUTIONS IN HANDLING AND STORAGE

STORE IN A COOL (ABOVE 32°F), DRY, WELL-VENTILATED AREA. THIS PRODUCT SHOULD BE STORED IN TANKS CONSTRUCTED OF STAINLESS STEEL, FIBERGLASS, POLYPROPYLENE, OR POLYETHYLENE. VALVES SHOULD BE INSPECTED ON A REGULAR BASIS AND REPLACED AS NEEDED TO PREVENT LEAKAGE. DO NOT STORE IN ALUMINUM VESSELS.

DO NOT BREATHE MISTS. WASH THOROUGHLY AFTER HANDLING. AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. WASH WITH SOAP AND WATER AFTER HANDLING. AVOID GETTING CHEMICALS ON YOU OR IN YOU. WASH HANDS WITH SOAP AND WATER AFTER HANDLING CHEMICALS. DO NOT EAT OR DRINK AROUND OR WHILE HANDLING CHEMICALS. KEEP OUT OF REACH OF CHILDREN.

### **\*\* NOTICE \*\***

Seller warrants that this Product conforms to the specifications stated here associated with the possession,use,mixing,blending,treatment,storage,disposal,transportaation and handling of the Product,whether alone or in combination with other substances. SELLER MAKES NO OTHER WARRANTY OF ANY KIND WHATEVER,EXPRESSED IMPLIED,AND ALL OTHER WARRANTIES,INCLUDING WARRANTIES OF QUALITY,MERCHANTIBILITY AND FITNESS FOR A PARTICULAR PURPOSE,ARE DISCLAIMED. Seller's liability is limit to the product price.

### **NEPA HAZARDOUS RATING**

(0 = least; 1 = slight; 2 = moderate; 3 = high; 4 = extreme)

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0