



METHYL ESTER

MATERIAL SAFETY DATA SHEET

EMERGENCY PHONE: 402-496-6688

CHEMTREC 800-424-9300

SECTION I - IDENTIFICATION

PRODUCT: SOYGOLD
CHEMICAL: Fatty Acid Methyl Ester (100%)
SYNONYMS: Methyl Ester of Soybean Oil

SECTION II - INGREDIENTS AND HAZARD CLASSIFICATION

This product contains no hazardous material per Federal OSHA Hazard Communication Standard 29 CFR 1910.1200

SARA HAZARD: FIRE - (Section 311/312) None noted
TITLE III SECTION 313: Not listed

SECTION III - HEALTH INFORMATION

EFFECTS OF OVEREXPOSURE:

INHALATION: Exposure via inhalation not likely.
INGESTION: No significant adverse effects are expected upon ingestion of the product. LD50>50 ml/kg (albino rats)
EYE CONTACT: Not Classified as Eye Irritant.
SKIN CONTACT: Not Classified as Skin Irritant or a Corrosive Material.

SECTION IV - OCCUPATIONAL EXPOSURE LIMITS

PEL: NO OSHA PEL **TLV:** NO ACGIH TLV

SECTION V - EMERGENCY FIRST AID PROCEDURE

FOLLOW STANDARD FIRST AID PROCEDURES:

SWALLOWING: No need for first aid is anticipated if material is swallowed.
SKIN CONTACT: Wash affected area with soap and water. If irritation persists get medical attention.
EYE CONTACT: Flush eyes with cool water for at least 15 minutes. If irritation persists to get medical attention.
INHALATION: If symptoms are experienced, remove source of contamination or move victim to fresh air. If symptoms persist get medical attention.

SECTION VI - PHYSICAL DATA

BOILING POINT: Over 600°F at 760 mm Hg pressure
VAPOR PRESSURE: <.04mm Hg at 68°F
SPECIFIC GRAVITY: 0.880 (at 25° C)
SOLUBILITY IN WATER: Insoluble
APPEARANCE AND COLOR: Light Yellow Liquid
ODOR: Faint Fatty Odor

SECTION VII - FIRE AND EXPLOSION HAZARDS

FLASH POINT & METHOD USED: 425° F (PMCC)
FLAMMABLE LIMITS: Not Applicable
NFPA RATING: HEALTH: 1 FIRE: 1 REACTIVITY: 0

HMIS RATING:

HEALTH: 0 FIRE: 1 REACTIVITY: 0

SOYGOLD (Continued)

SPECIAL FIRE FIGHTING PROCEDURES & PRECAUTIONS: Treat as Oil Fire. CO₂, Dry Chemical, Foam.

UNUSUAL FIRE & EXPLOSION HAZARDS: Rags soaked with any solvent present a fire hazard and should always be stored in UL listed or Factory Mutual approved, covered Containers. Improperly stored rags can create conditions that lead to oxidation. Oxidation, under certain conditions can lead to spontaneous combustion.

SECTION VIII - REACTIVITY

STABILITY: Stable
HAZARDOUS POLYMERIZATION: None known.
MATERIALS TO AVOID: Strong oxidizers, acids, and alkalis
HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂.
CONDITIONS TO AVOID: None known.

SECTION IX - EMPLOYEE PROTECTION

CONTROL MEASURES: Adequate ventilation
RESPIRATORY PROTECTION: Under normal conditions, respirator is not normally required
PROTECTIVE CLOTHING: Impervious gloves
EYE PROTECTION: Safety glasses, Goggles

SECTION X - ENVIRONMENTAL PROTECTION

ENVIRONMENTAL PRECAUTIONS Avoid uncontrolled releases of this material to environment.
SPILL OR LEAK PRECAUTIONS Contain spilled material. Transfer to secure containers. Where necessary, collect using absorbent material. Prevent entry into waterways, sewers, or basements or confined areas.
WASTE DISPOSAL Dispose of according to federal, state and/or local requirements.

SECTION XI - REGULATORY CONTROLS

DOT CLASSIFICATION: Class 65
DOT PROPER SHIPPING NAME: Fatty Acid Ester
OTHER REGULATORY REQUIREMENTS: Listed in TSCA inventory


SECTION XII - PRECAUTIONS: HANDLING, STORAGE AND USAGE

Avoid overheating. Store in cool, well ventilated area.

SECTION XIII - DATE AND SIGNATURE

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. The stated MSDS is reliable to the best of the company's knowledge and believed accurate as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.

AG ENVIRONMENTAL PRODUCTS, L.L.C.
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SIGNATURE: 

PREPARED BY: Scott A. Walters

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