



## Safety Data Sheet

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### 1. Identification

**Product Name** : M.O.C. - Methylated Oil Concentrate  
**Synonyms** : Methylated Seed Oil, Methylated Oil Concentrate  
**Product Use** : Methylated Ester of Soya Oil  
**Manufacturer/Supplier** : Helena Agri-Enterprises, LLC  
**Address** : 225 Schilling Blvd. Collierville, TN 38017  
**General Information** : 901-761-0050  
**Transportation Emergency Number** : CHEMTREC:800-424-9300

### 2. Hazard Identification

**Signal Word** : Warning (no symbol)  
**Skin Irritation** : Not classified as hazardous under 29 CFR 1910.1200 (2012)  
**Eye Irritation** : Causes eye irritation  
**Acute Toxicity Oral** : No LD50 data available  
**Acute Toxicity Dermal** : No LD50 data available  
  
**Hazard Categories** : Eye Irritation-2B  
  
**Hazard Statement** : Causes eye irritation

### 3. Composition / Information on Ingredients

Component	CAS Number	Weight %
Fatty acid, methyl esters	67762-38-3	90-100
Proprietary surfactants	Proprietary	1-10

### 4. First Aid Measures

**Eye** : Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for further treatment advice.

**Skin** : Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

**Inhalation** : Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**Ingestion** : Call a poison control center or doctor immediately for treatment advice. Rinse mouth with water. Do not induce vomiting. Do not give anything by mouth if unconscious.

**Indication of Immediate Medical Attention and Special Treatment Needed** : In the event of an adverse response, treatment should be directed toward control of the symptoms.



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### 5. Fire Fighting Measures

- Extinguishing Media** : Use carbon dioxide or dry chemical for small fires and water fog or foam (alcohol, polymer or ordinary) for large fires. Do not use water stream as this may spread flames.
- Specific Hazards Arising from the Chemical** : Do not use water or foam directly on fire.
- Special Fire Fight Proc** : Wear self-contained breathing apparatus and full protective clothing. Do not use water or foam directly on fire.

### 6. Accidental Release Measures

- Personal Precautions** : Keep unprotected and unnecessary personnel out of spill area.
- Protective Equipment** : Splashproof goggles or face shield, impervious gloves, impervious apron and footwear. Use NIOSH-approved respirator approved for propionic acid, if needed. Eyewash and emergency shower should be available in work area.
- Emergency Procedures** : Dike the area to prevent spill from spreading. Material should be collected and disposed of in proper manner.
- Methods and Materials for Containment and Cleanup** : Surround and absorb all spills. Soak up spill with a suitable absorbent such as clay, sawdust or kitty litter. Sweep up absorbed material and place in a chemical waste container for disposal. Wear suitable protective equipment.

### 7. Handling and Storage

- Precautions for Safe Handling** : Keep out of reach of children. Read label before use. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Take off contaminated clothing and wash before reuse. Wear protective gloves, protective clothing, eye protection.
- Conditions for Safe Storage** : Store in a cool well-ventilated place. Keep in original container, tightly closed. Do not reuse empty container. Do not store with food, feed or other material to be used or consumed by humans or animals. Do not contaminate water suppliers. Store at temperatures between 40 Degrees F. and 90 Degrees F.

### 8. Exposure Controls / Personal Protection

- TLV/PEL** : No TLV or PEL established.
- Appropriate Engineering Controls** : Normal room ventilation (mechanical) or outdoor use should be satisfactory.
- Personal Protective Equipment** : Splashproof goggles or face shield, impervious gloves, impervious apron and footwear. Use NIOSH-approved respirator approved for propionic acid, if needed. Eyewash/emergency shower should be available in work area.



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### 9. Physical and Chemical Properties

**Odor/Appearance** : Clear, pale yellow liquid with fatty odor.  
**Flash Point, °F** : >200 Degrees F.  
**Boiling Point, °F** : Unknown  
**Melting Point(Freezing point), °C** : Unknown  
**Vapor Pressure, mm Hg @ 20 °C** : Unknown  
**Vapor Density** : Unknown  
**Solubility in Water** : Dispersible  
**Molecular Formula** : Not applicable, formulated mixture.  
**Density, g/mL @ 25 °C** : 0.889-0.904  
**Evaporation Rate(Butyl Acetate = 1)** : Unknown  
**Octanol/Water Partition Coefficient** : Unknown  
**pH** : ~5.4 @ 2%  
**Flammable Limits (approximate volume % in air)** : Unknown  
**Auto-ignition Temperature** : Not determined  
**Decomposition temperature** : Unknown

### 10. Stability and Reactivity

**Reactivity** : Not reactive  
**Chemical Stability** : Stable  
**Hazardous Decomposition Products** : Carbon monoxide, carbon dioxide.  
**Hazardous Polymerization** : Will not occur  
**Conditions to Avoid** : Prolonged excessive heat.  
**Incompatible Materials** : Strong oxidizing agents.

### 11. Toxicological Information

**Acute Toxicity (Oral LD50)** : No LD50 data given. Not classified as hazardous under 29 CFR 1910.1200 (2012).  
**Acute Toxicity (Dermal LD50)** : No LD50 data given. Not classified as hazardous under 29 CFR 1910.1200 (2012).  
**Acute Toxicity Inhalation LC50** : No LC50 data given. Not classified as hazardous under 29 CFR 1910.1200 (2012).  
**Likely Routes of Exposure** : Eye  
**Skin Irritation** : Not classified as hazardous under 29 CFR 1910.1200 (2012).  
**Eye Irritation** : Causes eye irritation.  
**Skin Sensitization** : Not classified as hazardous under 29 CFR 1910.1200 (2012).



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**Carcinogenic** : Not classified.  
**Chronic Effects** : None currently known.  
**Other Hazards** : CA PROPOSITION 65 **WARNING!**: This product can expose you to chemicals including ethylene oxide, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

### 12. Ecological Information

**Ecotoxicity** : Not available  
**Persistence and Degradability** : Not available  
**Bioaccumulative Potential** : Not available  
**Mobility in Soil** : Not available  
**Other Adverse Effects** : None noted

### 13. Disposal Considerations

**Waste Disposal Method** : This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.

### 14. Transport Information

**UN Proper Shipping Name** : Not regulated by DOT, IATA or IMDG.  
**Transport Hazard Class** : None  
**UN Identification Number** : None  
**Packaging Group** : None  
**Environmental Hazards** : No information available  
**Transport in Bulk** : No information available  
**Special Precautions for Transportation** : No information available  
**Freight Classification** : Adhesives, Adjuvants, Spreaders or Stickers, N.O.I. (NMFC Item 42652, Class 60)

### 15. Regulatory Information

**National Fire Protection Association Rating**

Health:

1

Fire: 1

Reactivity: 0

Rating Level: (4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

**S.A.R.A Title III Hazard Classification (Yes/No)**



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Immediate( Acute) Health: Y  
Delayed (Chronic) Health: N  
Sudden Release of N  
Pressure:  
Fire: N  
Reactive: N

### 16. Other Information

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