

# MATERIAL SAFETY DATA SHEET

## Competitor

### Modified Vegetable Oil

#### I. NAME

PRODUCT/TRADE NAME: COMPETITOR  
EPA REGISTRATION #: NONE  
CHEMICAL NAME/COMMON NAME:  
Ethyl Oleate/Ethylolate

#### II. HAZARDOUS INGREDIENTS

	CAS#	OSHA PEL	ACGIH TLV
Ethylolate	111-62-6	NE	NE

#### III. PHYSICAL DATA

SPECIFIC GRAVITY (H<sub>2</sub>O = 1): 0.9  
MELTING POINT: NA  
VAPOR DENSITY (AIR = 1): NE  
% VOLATILES BY VOL.: NE  
ODOR: Fatty  
APPEARANCE: Amber Liquid  
FLASH POINT/METHOD: >150 Deg. C  
VAPOR PRESSURE (mmHg): NE  
SOLUBILITY IN H<sub>2</sub>O: Emulsifiable

#### IV. FIRE & EXPLOSION HAZARD

EXTINGUISHING MEDIA:  Water Fog  Foam  Alcohol Foam  
 CO<sub>2</sub>  Dry Chemical  Other

#### FIRE FIGHTING PRECAUTIONS & HAZARDS:

Fight fire upwind. Wear positive pressure self-contained breathing apparatus and full protective clothing. Do not breathe smoke or spray mist. Avoid fallout and runoff. Dike to prevent entering drains, sewers, or water courses. Evacuate people downwind from fire.

#### V. CARCINOGEN STATUS

OSHA  NTP  ARC  No Listing Type

#### VI. REACTIVITY

Stable HAZARDOUS POLYMERIZATION  
 Unstable  May Occur  Will Not Occur  
AVOID: Strong oxidizers, organic material  
HAZARDOUS DECOMPOSITION PRODUCTS: CO<sub>x</sub>

#### VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL: Absorb with inert material and sweep or vacuum into disposal container.  
DECONTAMINATION: Treat spill area with detergent and water. Absorb with inert material. Place in disposal container and repeat procedure as necessary until area is clean.  
ENVIRONMENTAL HAZARDS: Dike to prevent entering drains, sewers or water courses.  
DISPOSAL: Dispose of in accordance with Federal, State and local regulations.

#### VIII. HEALTH PRECAUTION DATA

INGESTION: Do not ingest. Acute Oral LD<sub>50</sub> (Rats) >5000 mg/kg (WECO). Wash thoroughly before eating, drinking or smoking.  
INHALATION: No PEL/TLV established for this product. Do not inhale mist. Use proper respiratory protective equipment for exposures encountered.  
SKIN ABSORPTION: Acute Dermal LD<sub>50</sub> (Rabbits) >5000 mg/kg (WECO). May cause moderate skin irritation. Wear proper personal protective equipment to reduce skin exposure.  
EYE EXPOSURE: Keep out of eyes. Minimally irritating to eyes. If exposed, flush eyes for a minimum of 15 minutes with water. Wear proper eye protection to reduce splash exposure.  
EFFECTS OF OVEREXPOSURE: Material is not toxic or irritating to the skin. No known chronic effects. No known preexisting medical conditions will be aggravated by exposure.  
FIRST AID: In all cases, get prompt medical attention. If ingested, give several glasses of water and induce vomiting. Do not induce vomiting if person is unconscious. For skin exposure, remove contaminated clothing and wash with soap and water.

For eye contact, irrigate for a minimum of 15 minutes with water. If inhaled, remove victim to fresh air, and administer CPR if necessary.

#### IX. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Use NIOSH/MSHA - approved respirator for organic vapors for the exposures encountered. Positive pressure self-contained breathing apparatus should be used for confined space entry and excessive exposures.  
PERSONAL PROTECTIVE EQUIPMENT: Neoprene or rubber gloves and safety goggles.  
VENTILATION: General ventilation.

#### X. SPECIAL PRECAUTIONS

Keep out of the reach of children. Read and follow all label instructions.

#### XI. REGULATORY DATA

SARA HAZARD CLASS:  Acute  Chronic  Flammable  
 Pressure  Reactive  None  
SARA 313:  Yes  No Chemical:  
SARA 302:  Yes  No Chemical:  
TPQ:  
CERCLA:  Yes  No Chemical:  
RQ:  
RCRA:  Yes  No

#### NFPA HAZARD RATING:

Health: [1]  
Fire: [1]  
Reactivity: [0]  
Special: [ ]

#### NFPA HAZARD RATING SCALE:

0 = Minimal 3 = Serious  
1 = Slight 4 = Severe  
2 = Moderate

#### HMS CODES:

Health: [1]  
Fire: [1]  
Reactivity: [0]

#### HMS HAZARD RATING SCALE:

0 = Minimal 3 = Serious  
1 = Slight 4 = Severe  
2 = Moderate

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Notice: This information was developed from information on the constituent materials. No warranty is expressed or implied regarding the completeness or continuing accuracy of the information contained herein, and Wilbur-Ellis disclaims all liability for reliance thereon. The user should satisfy himself that he has all current data relevant to his particular use.

\*Technical Material NE - Not Established NA - Not Applicable

**24 Hour Emergency Phone Number**  
**CHEMTREC: (800) 424-9300**

