

# SAFETY DATA SHEET

ALLIGARE, LLC



Updated: March 24, 2014

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## 1. PRODUCT AND COMPANY IDENTIFICATION

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Product Name: **Alligare MSO West™**  
Manufactured for: Alligare, LLC  
13 N. 8<sup>th</sup> Street  
Opelika, AL 36801  
Product Use: Activator  
CAS Number: Proprietary  
Emergency telephone number: (Chemtrec Information 24 hours) (800) 424-9300  
For MSDS, Product Safety or Regulatory inquiries, call: (847) 596-3001  
Customer Service, call: (800) 323-6280

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## 2. HAZARDS IDENTIFICATION

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Reportable Components: None  
Primary Routes of Exposure: Eyes and Skin  
Ingestion: May cause nausea, abdominal discomfort, vomiting, diarrhea and mucosal irritation.  
Eye Contact: Prolonged contact may cause irritation or reddening.  
Skin Contact: May cause irritation.  
Inhalation: Aspiration during vomiting may cause lung injury.  
Other Effects: No information was found in connection with medical conditions aggravated by exposure. This product is not a carcinogen by NTP, OSHA and ACGIH.

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## 3. COMPOSITION / INFORMATION ON INGREDIENTS

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<u>Component</u>	<u>CAS Number</u>	<u>Weight %</u>
Fatty acids, C16-18 and C18-unsaturated, methyl esters	67762-38-3	70-90%
Nonionic surfactant	Proprietary	5-15%
Butyl cellosolve	111-76-2	<3%

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## 4. FIRST AID MEASURES

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If in Eyes: Check for and remove contact lenses. Immediately flush eyes with water for at least 15 minutes. Cold water may be used. Seek immediate medical attention.  
If on Skin: Immediately remove contaminated clothing and wash affected area with plenty of soap and water. Cold water may be used. Seek medical attention if irritation occurs.  
If Swallowed: **Do not induce vomiting unless directed to do so by medical personnel.** Never give fluids or force vomiting if the person is unconscious, is having convulsions or has no gag reflex. Seek immediate medical attention.  
If Inhaled: Move individual to fresh air. If breathing is difficult, give oxygen, or if not breathing, give artificial respiration. Seek medical attention.

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## 5. FIREFIGHTING MEASURES

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Suitable Extinguishing media: Water spray, dry chemical, foam or CO<sub>2</sub>.  
Hazardous Decomposition Products of Combustion: Carbon oxides and other substances..  
PPE and Precautions: Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing. Use water to keep containers cool. Water or foam may cause frothing.

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## 6. ACCIDENTAL RELEASE MEASURES

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In Case of Spill: Wear NIOSH approved respirator and protective equipment as referenced in Section 8. Recover free liquid. For recovery or disposal, add inert absorbent (sand, earth, sawdust, etc.) to spill area and shovel into containers for

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disposal. Product is slippery under foot; flush smooth surfaces thoroughly. This product is classified as oil under Section 311 of the Clean Water Act. Discharge to surface waters that cause sheen must be reported to the National Response Center (800-424-8802).

Disposal: Dispose of collected waste in accordance with federal, state and local regulations.

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## 7. HANDLING AND STORAGE

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Keep away from heat, sparks and flame. Keep container closed. Wear appropriate equipment and clothing to prevent eye contact and repeated or prolonged skin contact as referenced in Section 8. Use in areas with adequate mechanical exhaust ventilation, or wear respirator. Protect product from freezing. If product freezes, warm to room temperature and agitate before use. Keep containers sealed when not in use. Store in original container only.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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Component Exposure Limits: None

Eye/Face Protections: Wear protective eyewear. Contact lenses should not be worn when working with chemicals.

Skin Protection: Wear long-sleeved shirt and short pants, socks, chemical-resistant footwear and barrier laminate, neoprene rubber, nitrile rubber or Viton<sup>®</sup> gloves to minimize skin contact. As precautions, wash hands and face with mild soap and water before eating, drinking, smoking or using restroom. After each shift, clean all protective equipment, wash work clothes, and shower.

Respiratory Protection: Not required under normal use conditions with good ventilation. Protect against spray mists. Respirator recommended in areas of poor ventilation.

General Protection: Avoid contact with skin, eyes and clothing. Avoid breathing vapors. Wash thoroughly after handling product. When selecting personal protective equipment and clothing, follow all of the manufacturer specifications and recommendations that apply to your specific operation and processing conditions. Take into consideration all working conditions and all chemicals to be handled or processed.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance:	Amber liquid	UEL:	N/D
Odor:	Characteristic odor	LEL:	N/D
Odor Threshold:	N/A	Vapor Pressure:	N/D
pH:	7.0	Vapor Density:	N/D
Melting Point:	N/A	Relative Density:	7.49 lbs/gallon
Freezing Point:	N/D	Solubility:	Emulsifiable
Boiling Point:	N/D	Partition Coefficient:	N/D
Flash Point:	350°F	Autoignition Temperature:	N/D
Evaporation Rate:	N/D	Decomposition Temperature:	N/D
Flammability:	Noncombustible		

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## 10. STABILITY AND REACTIVITY

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Stability: Stable

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Condition to Avoid: Freezing or other extreme temperatures.

Incompatible Materials: Strong oxidants such as liquid chlorine, sodium hypochlorite (explosion hazard).

Hazardous Decomposition Products: Carbon oxides and other substances.

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## 11. TOXICOLOGICAL INFORMATION

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Acute Oral Toxicity: LD<sub>50</sub> > 5,000 mg/kg (albino rats)

Acute Eye Irritation: Minimally irritating (albino rabbits)

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Acute Dermal Irritation: Slightly irritating (albino rabbits)

Acute Dermal Toxicity: LD<sub>50</sub> > 5,050 mg/kg (albino rats)

Acute Inhalation: N/D

Component Carcinogenicity: None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

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## 12. ECOLOGICAL INFORMATION

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### General Product Information

No information available for the product.

### Component Analysis - Ecotoxicity - Aquatic Toxicity

Fatty acids, C16-18 and C18-unsaturated, methyl esters (67762-38-3)

Test & Species

48 Hr LC<sub>50</sub> *Leuciscus idus* 5,500 mg/L [static]

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## 13. DISPOSAL CONSIDERATIONS

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Component Waste Numbers: No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions: Recycle or rework material if at all possible. Incinerate material at an approved facility. Treat at an acceptable waste treatment facility or municipal waste treatment plant after proper testing and approval of waste samples in compliance with applicable federal, state and local environmental regulations. See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

Container Reuse: An empty container can contain product residue, and should not be reused. If not professionally cleaned and reconditioned, crushing or other means is recommended to prevent unauthorized reuse.

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## 14. TRANSPORT INFORMATION

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DOT Status (Highway and rail): Not Regulated

IATA Status (Air): Not Regulated

Marine Pollutant: No

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## 15. REGULATORY INFORMATION

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TSCA: All components of this product are listed under the regulation of the Toxic Substance Control Act.

SARA HAZARD: No

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## 16. OTHER INFORMATION

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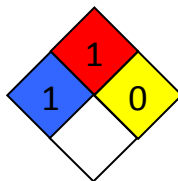
### HMIS Hazard Rating

Health: 1

Flammability: 1

Reactivity: 0

Personal Protection:



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**WHILE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE BELIEVED TO BE ACCURATE AS OF THE DATE HEREON, ALLIGARE, LLC MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.**

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N/R—Not Rated

N/D—Not Determined

N/A—Not Applicable

N/E—Not Established

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration., NJTSR = New Jersey Trade Secret Registry.