

SAFETY DATA SHEET



ALLIGARE, LLC

Updated: March 4, 2014

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1. PRODUCT AND COMPANY IDENTIFICATION

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

2. HAZARDS IDENTIFICATION

Reportable Components: None



May be harmful if swallowed and enters airways.

Primary Routes of Exposure: Eyes, Skin and Oral

Ingestion: May cause nausea, vomiting and diarrhea.

Eye Contact: Causes eye irritation; may cause reddening, tearing and blurred vision.

Skin Contact: May cause mild irritation, reddening and swelling.

Inhalation: May cause respiratory and mucosal irritation.

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

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS Number</u>	<u>Weight %</u>
Proprietary Ingredient 1	Proprietary	75-100%
Proprietary Ingredient 2	Proprietary	1-10%
Proprietary Ingredient 3	Proprietary	1-10%

4. FIRST AID MEASURES

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. Do NOT use solvents or thinners.

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 person to fresh air and keep warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

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5. FIREFIGHTING MEASURES

Suitable Extinguishing media: alcohol resistant foam, CO₂, powder, water spray. Do not use; water jet.

Specific Hazards: None known.

PPE and Precautions: Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing. Cool closed containers exposed to fire by spraying them with water. Do not allow run off water and contaminants from firefighting to enter drains or water courses.

6. ACCIDENTAL RELEASE MEASURES

In Case of Spill: Remove sources of ignition; do not turn lights or unprotected electrical equipment on or off. In case of a major spill or spillage in a confined space evacuate the area and check that solvent vapor levels are below the Lower Explosive Limit before re-entering. Ventilate the area and avoid breathing vapors. Contain and absorb spillage with non-combustible materials e.g. sand, earth or vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations. Clean, preferably with a detergent. Do not use solvents. Do not allow spills to enter drains or watercourses. If drains, sewers, streams or lakes are contaminated, inform the local water company immediately. In the case of contamination of rivers, streams or lakes the Environmental Protection Agency should also be informed.

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

7. HANDLING AND STORAGE

Keep in the original container or an approved alternative made from a compatible material. Keep tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container. Handle containers carefully to prevent damage and spillage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits:	Product Name	Limits
	Proprietary Ingredient 3	OSHA PEL TWA: 5 mg/m ³ 8 hours ACGIH TLV TWA: 5 mg/m ³ 8 hours. Form: Inhalable fraction

This product contains the following chemical suspected of or known to be a carcinogen under OSHA, NTP, and /or IARC:
1,4-dioxane (residual quantity)

Eye/Face Protections: Wear chemical safety goggles. Contact lenses should not be worn when working with chemicals.

Skin Protection: Overalls which cover the body, arms and legs should be worn. Skin should not be exposed. All parts of the body should be washed after contact.

Respiratory Protection: If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators. Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

General Protection: Avoid contact with skin, eyes and clothing. Avoid breathing vapors. Wash thoroughly after handling product. Eye wash fountains and drench showers should be located within 100 feet or a 10 second walk or the work area per ANSI Z358.1-1990. Keep vapor concentration below 50 ppm, General dilution recommended.

Note: Contains mineral oil. The exposure limits for oil mist are 5 mg/m³ OSHA PEL and 10 mg/m³ ACGIH. 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

Appearance:	Clear, pale yellow liquid	UEL:	N/D
Odor:	N/D	LEL:	N/D
Odor Threshold:	N/D	Vapor Pressure:	N/D
pH:	4.0-6.0	Vapor Density:	Heavier than air
Melting Point:	N/D	Relative Density:	7.177 lbs/gallon
Freezing Point:	N/D	Solubility:	N/D
Boiling Point:	N/D	Partition Coefficient:	N/D
Flash Point:	>200°F	Autoignition Temperature:	N/D
Evaporation Rate:	N/D	Decomposition Temperature:	N/D
Flammability:	N/A		

10. STABILITY AND REACTIVITY

Stability:	Stable
Possibility of Hazardous Reactions:	N/D
Condition to Avoid:	Strong oxidizing agents.
Incompatible Materials:	Strong oxidizing agents.
Hazardous Decomposition Products:	N/D

11. TOXICOLOGICAL INFORMATION

Ingredient	Oral LD ₅₀ , mg/kg	Skin LD ₅₀ , mg/kg	Inhalation Vapor LD ₅₀ , mg/L/4hr	Inhalation Dust/Mist LD ₅₀ , mg/L/4hr
Proprietary Ingredient 1	< 2,0000, Rat - Category: 5	< 2,0000, Rabbit - Category: 5	No data available	9.5, Rat
Proprietary Ingredient 2	3,200.00, Rat - Category: 5	No data available	No data available	No data available
Proprietary Ingredient 3	No data available	No data available	No data available	No data available

12. ECOLOGICAL INFORMATION

Ingredient	96 hr LC ₅₀ fish, mg/l	48 hr EC ₅₀ crustacea, mg/l	ErC ₅₀ algae, mg/l
Proprietary Ingredient 1	No data available	No data available	No data available
Proprietary Ingredient 2	1,000.00, Fish (Piscis)	1,000.00, Daphnia magna	1,000.00 (72 hr), Selenastrum capricornutum
Proprietary Ingredient 3	No data available	No data available	No data available

13. DISPOSAL CONSIDERATIONS

Component Waste Numbers:	No EPA Waste Numbers are applicable for this product's components.
Disposal Instructions:	Dispose of material in compliance with applicable federal, state and local environmental regulations. Do not allow into drains or water courses
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. Discarded product is not an RCRA hazardous waste under 40 CFR 261.

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14. TRANSPORT INFORMATION

DOT Status (Highway and rail):	Not Regulated
IATA Status (Air):	Not Regulated
Marine Pollutant:	No

15. REGULATORY INFORMATION

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

SARA HAZARD:	No
WHMIS Classification:	Not Regulated
US EPA Tier II Hazards	
Fire:	No
Sudden Release of Pressure:	No
Reactive:	No
Immediate (Acute):	Yes
Delayed (Chronic):	No
Proposition 65 - Carcinogens (>0.0%):	1,4-dioxane CAS: 123-91-1 <3ppm

16. OTHER INFORMATION

Date Prepared:	March 4, 2014
Last Updated:	March 4, 2014

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.

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.