

SAFETY DATA SHEET

ALLIGARE MSO 1

SDS DATE: 2/9/15

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ALLIGARE MSO 1

DISTRIBUTOR: ALLIGARE, LLC
ADDRESS: 13 N 8th Street, Opelika, AL 36801

EMERGENCY CHEMTREC PHONE: US: 1-800-424-9300 International: 1-202-483-7616

CHEMICAL NAME: Proprietary mixture
CHEMICAL FAMILY: Methyl Ester of Soya Oil
CHEMICAL FORMULA: Mixture

PRODUCT USE: Adjuvant

SECTION 1 NOTES: None

SECTION 2: HAZARDOUS INGREDIENTS

GHS Ratings:

Toxicity Categories: This product is not hazardous according to OSHA Hazard Communication Standard 29 CFR 1910.1200 (2012)

Signal Word: NONE

HAZARDS

May be harmful if swallowed.
May cause an allergic skin reaction.
May be harmful if inhaled.

PRECAUTIONS

Keep out of reach of children.
Read label before use.
Keep container tightly closed.
Keep only in original container.
Avoid breathing dust/fume/gas/mist/vapors/spray.
Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product.
Use personal protective equipment as required.
IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
IF ON SKIN: Wash with plenty of soap and water.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses if present and easy to do then continue rinsing cautiously.

SECTION 3: HAZARDS IDENTIFICATION

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>% WT</u>
None		

NOTE: Product does NOT contain any pesticides or pest control agents

SECTION 3 NOTES: These specific chemical identity and /or exact percentage (concentration) of composition has been withheld as a trade secret.

CARCINOGENICITY

OSHA: No **ACGIH:** No **NTP:** No **IARC:** No **OTHER:** No

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SECTION 4: FIRST AID MEASURES

EYE CONTACT - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing. Have the product container with you when calling a poison control center or doctor, or going for treatment.

SKIN CONTACT - IF ON SKIN OR CLOTHING: Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water for several minutes. Call a poison center, doctor, chemical manufacturer, importer, or distributor to specify the appropriate source of emergency medical advice.

INGESTION - IF SWALLOWED: Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person. Call a poison center, doctor, chemical manufacturer, importer, or distributor to specify the appropriate source of emergency medical advice if you feel unwell.

INHALATION - IF INHALED: If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

SECTION 4 NOTES: None

SECTION 5: FIRE FIGHTING MEASURES

NFPA HAZARD CLASSIFICATION

HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0 OTHER: -

IN CASE OF FIRE: Foam, Dry Chemical, CO2.

SPECIAL FIRE FIGHTING PROCEDURES: Use a positive-pressure, self-contained air supply. Avoid getting water from fire-fighting into domestic or irrigation water supplies.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

HAZARDOUS DECOMPOSITION PRODUCTS: During combustion, oxides of carbon.

SECTION 5 NOTES: None

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Surround and absorb all spills. Material should be collected and disposed in proper manner. Dike the area to prevent spill from spreading. Soak up spill with a suitable absorbent such as clay, sawdust or kitty litter. Flush spill area with water. Slippery when wet. Prevent liquid entering sewers. If slipperiness remains apply more dry-sweeping compound. Sweep up absorbed material and place in a chemical waste container for disposal. Wear suitable protective equipment.

SECTION 6 NOTES: Slippery when wet.

SECTION 7: HANDLING AND STORAGE

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. Use personal protective equipment as required.

STORAGE: Store in a cool well-ventilated place. To avoid product degradation and equipment corrosion, do not use iron, copper or aluminum containers or equipment. Material is hygroscopic and should not be exposed to moisture in order to maintain product integrity. 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 supplies. For optimal storage, store between 40° and 90° F.

SECTION 7 NOTES: None

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values

VENTILATION:	Normal room ventilation (mechanical) or outdoor use should be satisfactory.
RESPIRATORY PROTECTION:	Not necessary unless ventilation is inadequate. Then use OSHA or NIOSH approved respirator, as appropriate.
EYE PROTECTION:	Chemical goggles and face shield
SKIN PROTECTION:	Chemical gloves, long-sleeved shirts and pants.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT:	Eye wash and safety shower should be easily accessible
WORK HYGIENIC PRACTICES:	Wash thoroughly with soap and water after handling product and before eating, drinking, or using tobacco products. Clean affected clothing, shoes, and protective equipment before reuse.
EXPOSURE GUIDELINES:	If exposed, see section 4 for acute exposure first aid.
SECTION 8 NOTES:	None

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Clear, pale yellow	FLAMMABLE LIMITS IN AIR, UPPER:	Unknown
ODOR:	Fatty odor.	(% BY VOLUME) LOWER:	Unknown
ORDER THRESHOLD:	Not known	VAPOR PRESSURE (mmHg):	@
PHYSICAL STATE:	Solid		F: Unknown
pH AS SUPPLIED:	Not applicable	VAPOR DENSITY (AIR = 1):	@
pH (Other):			F: Unknown
INITIAL BOILING POINT:	F: Unknown	RELATIVE DENSITY:	0.870 to 0.884
	C: Unknown	EVAPORATION RATE:	Unknown
BOILING POINT RANGE:	F: Unknown	BASIS (butyl acetate=1):	
	C: Unknown	SOLUBILITY IN WATER:	Dispersible
MELTING POINT:	F: Unknown	PARTITION COEFFICIENT: n-octanol/water):	Unknown
	C: Unknown	AUTO-IGNITION TEMPERATURE:	Unknown
FREEZING POINT:	F: Unknown	DECOMPOSITION TEMPERATURE:	Unknown
	C: Unknown	VISCOSITY:	@ >20.5 mm ² /s
FLASH POINT:	F: >200		F: 104
	C: >93		C: 40
METHOD USED:	PMCC		
FLAMMABILITY (solid, gas):			

SECTION 9 NOTES: Values are not product specifications.

Note: These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

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SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable Unstable

CONDITIONS TO AVOID (STABILITY): Prolonged excessive heat, strong oxidizing agents.

INCOMPATIBILITY (MATERIAL TO AVOID): Strong acids, gases, and oxidizers.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: CO₂, O₂.

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID (POLYMERIZATION): None known

SECTION 10 NOTES: None

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: None

MIXTURE TOXICITY Dermal Toxicity(estimated): 3,005.00mg/kg
Oral Toxicity(estimated): 3,075.00mg/kg

COMPONENT TOXICITY Not available

SECTION 11 NOTES: None

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: None

ECOTOXICITY: Not available

BIOACCUMULATIVE POTENTIAL: Not available

MOBILITY IN SOIL: Not available

OTHER ADVERSE EFFECTS: Not available

SECTION 12 NOTES: None

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all local /regional/national/international regulations.

CONTAINER DISPOSAL: Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations.

RCRA HAZARD CLASS: None

SECTION 13 NOTES: None

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

DOT Shipping Description: Not Regulated

U.S. Surface Freight Classification: ADHESIVES, ADJUVANTS, SPREADERS OR STICKERS (NMFC 4610; CLASS: 60)
Consult appropriate ICAO/IATA and IMDG regulations for shipment requirements in the Air and Maritime shipping modes.

OTHER AGENCIES: None

SECTION 14 NOTES: None

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SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): Mixture not listed

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Not Regulated

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): Not Regulated

311/312 HAZARD CATEGORIES: None

313 REPORTABLE INGREDIENTS: None

INTERNATIONAL REGULATIONS: None

SECTION 15 NOTES: None

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: None

DISCLAIMER:

The recommendation for safe handling and protection procedures is believed to be generally suitable for the standard uses of this compound. However, each user should identify his intended uses of this material and determine whether they are appropriate. All data included in this document is released as typical values and should not be utilized to determine the suitability of this material for a particular use or purpose. No warranty, either expressed or implied, is hereby made, nor do we give permission, inducement, or recommendations to practice any patented invention without a license. All data is offered for consideration, investigation and verification purposes only.