

Safety Data Sheet

Premium MSO + Siloxane Crop Oil

SDS Prepared: 05/12/2025

SDS Version: 1.1

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1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:	Premium MSO + Siloxane Crop Oil
CHEMICAL NAME:	Polymethylsiloxane Copolymer Nonionic Emulsifiers and Methylated Seed Oils
CHEMICAL FAMILY:	Organo-modified Silicone, Methylated Seed Oils
SYNONYMS:	Organo-modified Silicone and Methylated Seed Oil Adjuvant
EPA REGISTRATION NUMBER:	Not Regulated
Manufactured by: Reliant Ag Solutions, LLC 2230 Carolina Leaf Road Greenville, NC 27834 Phone: 1-833-618-9691	<u>Emergency Telephone Numbers</u> Chemtrec (24 hours) 1-800-424-9300 Reliant Ag Solutions, LLC (Weekdays – Eastern Standard Time) 1-833-618-9691

2. HAZARDS IDENTIFICATION SUMMARY

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

GHS-US Classification

Not Classified

LABEL ELEMENTS

GHS-US Labeling

Not Classified

SIGNAL WORD (GHS-US)

Not Classified

HAZARD STATEMENTS (GHS-US)

Not Classified

PRECAUTIONARY STATEMENTS (GHS-US)

P102 - Keep out of reach of children.

P202 - Do not handle until all safety precautions have been read and understood.

P260 - Do not breathe dust/fumes/gas/mist/vapors/spray.

P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.

P270 - Do not eat, drink, or smoke when using this product.

P271 - Use only outdoors or in a well-ventilated area.

P281 - Use personal protective equipment as required.

P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.

P330 - Rinse mouth.

P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P308+P311 - If exposed or concerned: Call a POISON CENTER or doctor.

P312 - Call a POISON CENTER or doctor if you feel unwell.

P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Ingredients:</u>	<u>Percentage by Weight:</u>	<u>CAS No.</u>	<u>PEL/TLV</u>
Proprietary Blend of Polyether Polymethylsiloxane-Copolymer, Nonionic Emulsifiers, and Methylated Seed Oils	100%	Proprietary	NOL/NOL

All ingredients in this product are listed in the T.S.C.A. Inventory. This product contains no listed hazardous ingredients.

4. FIRST AID MEASURES

EYES:	Immediately flush eyes with plenty of water for at least fifteen minutes, holding eyelids apart to ensure flushing of the entire eye surface. Do not let victim rub eyes. Seek medical attention.
SKIN:	Remove contaminated clothing and wash with large amounts of soap and water. If irritation develops, contact a physician.
INGESTION:	Call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.
INHALATION:	Remove person from area of exposure. Give artificial respiration if necessary. If breathing is difficult, give oxygen if a qualified operator is available. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

FLASH POINT (°F/Test Method):	>200°F (93.3°C) Flammability Class IIIB
FLAMMABLE LIMITS (LFL & UFL):	Not determined
EXTINGUISHING MEDIA:	Foam, dry chemical, CO ₂ , water, Class BC, ABC fire extinguisher.
HAZARDOUS COMBUSTION PRODUCTS:	None known
SPECIAL FIRE FIGHTING PROCEDURES:	Self-contained positive-pressure breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. Clear fire area of unprotected personnel. Cool fire-exposed containers with water. Attack from upwind.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	None known

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS:	Soak up with absorbent, shovel into a suitable container for disposal.
LARGE SPILLS:	Control and contain. Dike the spill to minimize contaminated area and facilitate salvage or disposal. Recover material for use, reprocessing, or disposal.
CAUTION:	Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

7. HANDLING AND STORAGE

HANDLING:	Use with adequate ventilation. Spilled material is slippery. Avoid prolonged or repeated contact with skin. Wash thoroughly with soap and water after handling. Wash hands before breaks and at the end of work.
STORAGE:	Keep container closed when not in use. Avoid overheating and freezing. Shake well before use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PERMISSIBLE EXPOSURE LIMIT:	NOL
SIGNS AND SYMPTOMS OF EXPOSURE:	Irritation of the skin and eyes. Contact with eyes is painful and irritating. Overexposure: Prolonged skin contact may cause moderate irritation.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:	Preexisting eye, skin, and respiratory disorders may be aggravated by exposure to this product. Unnecessary exposure to this product or any chemical should be avoided.
PRIMARY ROUTES OF ENTRY:	Dermal

ENGINEERING CONTROLS:	Local exhaust: Recommended when appropriate to control employee exposure. Mechanical (general) exhaust: Not recommended as the sole means of controlling employee exposure.
RESPIRATORY PROTECTION:	None required with adequate ventilation.
EYE PROTECTION:	Avoid contact with eyes. Wear full-face shield or chemical safety goggles when handling.
SKIN PROTECTION:	Avoid contact with skin. USDA-accepted nitrile or neoprene rubber gloves are recommended. Wear appropriate clothing to prevent repeated or prolonged skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

COLOR AND PHYSICAL STATE:	Clear, amber, slightly viscous liquid
ODOR:	Mild polyether odor
SPECIFIC GRAVITY (Water=1):	0.9
VAPOR PRESSURE:	Not determined
VAPOR DENSITY (Air = 1):	>1
% VOLATILITY (V/V):	Not determined
BOILING POINT:	Not determined
MELTING POINT:	Not determined
SOLUBILITY:	Emulsifiable
pH:	≈ 7.0
VISCOSITY @ 77°F (25°C):	≈ 0.5 cps

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.

10. STABILITY AND REACTIVITY

STABILITY:	Stable
CONDITIONS TO AVOID:	None with proper handling and storage.
INCOMPATIBILITY:	Strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS:	Fire may produce carbon monoxide and carbon dioxide.
HAZARDOUS POLYMERIZATION:	Will not occur.

11. TOXICOLOGICAL INFORMATION

ACUTE ORAL LD₅₀:	Not classified
ACUTE DERMAL LD₅₀:	Not classified
INHALATION LC₅₀:	No harmful effects have been reported. May irritate the nasal passages and other mucous membranes.
EYE IRRITATION:	Moderate (prolonged exposure)
CARCINOGENIC POTENTIAL:	This product is not carcinogenic, teratogenic, or mutagenic as determined by OSHA, NTP, or IARC.
SKIN IRRITATION/SENSITIZATION:	Moderate (prolonged exposure)

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Do not reuse container. Place in trash or offer for recycling. Incinerate contaminated solids in accordance with local, state, and federal regulations.

Waste Disposal Methods: Dispose of in accordance with local, state, and federal regulations. Incineration in an authorized and permitted thermal treatment facility or chemical or biological treatment in authorized and permitted treatment facilities is recommended. Material collected with absorbent may be disposed of in a permitted landfill in accordance with federal, state, and local regulations. Triple rinse the container and dispose of in accordance with all local, state, and federal regulations, or offer for recycling.

14. TRANSPORTATION INFORMATION

D.O.T. Shipping Description: NOT REGULATED BY DOT BY HIGHWAY.
Consult appropriate ICAO/IATA and IMDG regulations for shipment requirements in the Air and Maritime shipping modes.

15. REGULATORY INFORMATION**NFPA & HMIS Hazard Ratings:**

NFPA
1 Health 0 Reactivity
1 Flammability

HMIS
1 Health 0 Reactivity
1 Flammability C PPE

SARA Hazard Notification/Reporting

SARA Title III Hazard Category: Immediate: Y Fire: N Sudden Release of Pressure: N
Delayed: N Reactive: N
Reportable Quantity (RQ) under U.S. CERCLA: Not applicable

SARA, Title III, Section 313: Glycol ethers 2% (CAS Not Applicable)

SARA, Title III, Section 302: EHS: None
TPQ: 10,000 lbs.

RCRA Waste Code: Not listed

CA Proposition 65: Not listed

16. OTHER INFORMATION

SDS STATUS: Updated
REASON FOR CHANGE: Updated Emergency Contact
PREPARED BY: Emma Simpson, Laboratory Technician

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