



UCPA, LLC

MATERIAL SAFETY DATA SHEET

Universal Cooperatives, Inc.
1300 Corporate Center Curve
Eagan, MN 55121

In Case of Emergency, Call:
24 Hour Emergency Number
CHEMTREC: 800-424-9300

Medical Emergency Contact:
800-228-5635 Ext. 138

1. CHEMICAL IDENTIFICATION

Product Name: MSO-Plus, Methylated Soybean Oil Product No.: 0911
EPA Signal Word: Caution
EPA Reg. Number: NA
Active Ingredient (%): NA CAS No.: NA
Chemical Name: Proprietary Blend
Chemical Class: Adjuvants

2. COMPOSITION/INFORMATION ON INGREDIENTS

Material	OSHA PEL	ACGIH TLV	Other	NTP/IARC/OSHA Carcinogen
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This product contains no hazardous materials.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Not regulated material. Yellow liquid. Bland odor. May cause eye irritation.

Potential Health Effects:

Eye: May cause irritation

Skin: Prolonged or repeated contact is not likely to cause significant skin irritation.

Ingestion: No hazards anticipated from ingestion

Inhalation: Negligible unless heated to produce vapors.

Physical Properties

Appearance: Yellow liquid

Odor: Bland

4. FIRST AID MEASURES

Ingestion:	Give one or two glasses of water to drink. If gastrointestinal symptoms develop, consult medical personnel.
Eye Contact:	Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes.
Skin Contact:	Wash exposed areas with soap and water.
Inhalation:	Remove from area of exposure, seek medical attention if symptoms persist.

5. FIRE FIGHTING MEASURES

Fire and Explosion

Flash Point (Test Method):	>175C (COC)
Flammable Limits (% in Air):	Not known
Autoignition Temperature:	NA

Extinguishing Media: Dry chemical, foam, halon, CO₂, water spray or fog. Water stream may splash burning liquid and spread fire.

Fire Fighting Instructions: Use water spray to cool drums exposed to fire.

Protective Equipment for Fire Fighters: Use self contained breathing apparatus and protective fire fighting clothing.

6. ACCIDENTAL RELEASE MEASURES

In Case of Spill or Leak: Contain spill immediately. Remove sources of ignition. Pick-up small spills with absorbent materials such as paper towels, clay, sand or dirt. Floors may be slippery, use care to avoid falls.

7. HANDLING AND STORAGE

Precautions to be Taken in Handling and Storage: Good housekeeping is necessary for safe handling of product. No smoking, open flames or sources of ignition in handling and storage area. Wash thoroughly with soap and water after handling. Do not contaminate water, food or feed by storage or disposal. Store in closed containers between 50 and 120F. Do not store near heat or open flame.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

These precautions are suggested for conditions with a high potential for exposure. If handling procedures are such that there is only a low potential for exposure, less protection may be needed. Emergency conditions may require additional precautions.

Engineering Controls:	Normal room ventilator should be satisfactory.
Eye Contact:	Safety glasses, goggles or face shield is recommended.
Skin Contact:	Wear rubber or plastic solvent impervious gloves.
Inhalation:	If vapor or mist is generated, wear a NIOSH approved organic vapor/mist respirator.
Ingestion:	Practice good hygiene, washing exposed areas of skin several times daily and

laundering contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Yellow liquid
Odor:	Bland
Boiling Point:	>200C
Specific Gravity/Density:	0.89
Solubility in H ₂ O ₂ :	Disperses
Vapor Pressure:	<1 mm Hg
Vapor Density	>1 (air=1)

10. STABILITY AND REACTIVITY

Reactivity

Stability:	Stable
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	Strong oxidizing agents

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide

11. TOXICOLOGICAL INFORMATION

There is no information available for this product

12. ECOLOGICAL INFORMATION

There is no information available for this product

13. DISPOSAL CONSIDERATION

Disposal Method: Do not contaminate water, food or feed by storage or disposal. Dispose in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

<u>DOT Classification:</u>	Not regulated
<u>B/L Freight Classification:</u>	Fatty acid ester

15. REGULATORY INFORMATION

NOTICE: The information herein is presented in good faith and believed to be accurate as of the issue or revision date shown below. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ from one location to another, it is users responsibility to ensure that its activities comply with federal, state and local laws and regulations.

SARA Title III Classification

Section 311/312: Not regulated

Section 313 chemical(s): None

<u>Chemical Name</u>	<u>CAS Number</u>	<u>RQ</u>	<u>% In Product</u>
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RCRA Classification: Not regulated

TSCA Status: Ingredients are listed.

OSHA Hazard Communications Standard: Not hazardous under 29 CFR 1910.1200

16. OTHER INFORMATION

NFPA Hazard Ratings

Health:

Flammability:

Reactivity:

0	Least
1	Slight
2	Moderate
3	High
4	Severe

Issued Date: September 9, 1999

Supersedes: April 19, 1996

Reference MSDS: Calgene Chemical, Adjucal 1173, MSDS dated 3/21/97.

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