

MATERIAL SAFETY DATA SHEET

United Suppliers, Inc.

MSDS #10012

Revised Date: 9/03

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: SOY OIL SPRAY CONCENTRATE

Chemical Name: Agricultural Adjuvant

Hazardous Ingredients: None

Formula: Proprietary Blend of Vegetable Oil and Surfactant Blend

Manufacturer: United Suppliers, Inc.
Box 538
Eldora, IA 50627

EMERGENCY CONTACT: In the event of chemical emergencies involving a spill, leak, fire, exposure, or accident involving chemicals -- **call CHEMTREC (800-424-9300)**

HMIS	Health 1	Flammability 1	Reactivity 0
NFPA	Health 1	Flammability 1	Reactivity 0

2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENTS:	<u>PERCENT BY WEIGHT</u>
Triglycerides of Fatty Acids	90%
Surfactant Blend	10%

HAZARDOUS INGREDIENTS:
None

3. HAZARDS IDENTIFICATION

EYES:
Primary irritation to eyes, redness, tearing, blurred vision

SKIN:
Primary irritation to skin, defatting, dermatitis

4. FIRST AID MEASURES

EYES:

For eye contact, flush with plenty of water for 15 minutes and get medical attention if irritation persists.

SKIN:

In case of skin contact, remove exposed clothing and wash exposed skin with fresh water for 15 minutes. Seek medical attention if irritation persists.

INHALATION:

Vapor pressure is very low. Vapor inhalation under ambient conditions is normally not a problem. If overcome by vapor from hot product, immediately remove from exposure and call a physician. If breathing is irregular or has stopped, start resuscitation; administer oxygen, if available.

INGESTION:

If ingested, DO NOT induce vomiting; call a physician immediately.

5. FIRE FIGHTING MEASURES

FLASH POINT (Test Method):
92)

Greater than 200° F (Open cup, D-

AUTOIGNITION TEMPERATURE:

Greater than 260 °C (500 °F)

EXTINGUISHING MEDIA:

Foam, water spray (fog), dry chemical, carbon dioxide, and vaporizing liquid type extinguishing agents may all be suitable for extinguishing fires.

SPECIAL FIRE FIGHTING PROCEDURES:

Water spray may be ineffective on fire but can protect fire fighters and cool closed containers. Use fog nozzles if water is used. Do not enter confined fire space without full bunker gear. (Helmet with face shield, bunker coats, gloves and rubber boots). Use a NIOSH approved positive-pressure self-contained breathing apparatus.

UNUSUAL EXPLOSION AND FIRE PROCEDURES:

Keep container tightly closed. Isolate from oxidizers, heat, and open flame. Closed containers may explode if exposed to extreme heat. "Empty" containers retain residue (liquid and/or vapor) and can be dangerous.

6. ACCIDENTAL RELEASE MEASURES

CLEAN-UP PROCEDURES:

Contain spill and prevent it from entering all water bodies, if possible. Safely stop flow of spill. Evacuate non-essential personnel from immediate spill area due to slipping hazards. In urban area, cleanup as soon as possible; in natural environments, cleanup on advice from ecologists. Spills may need to be reported to the National Response Center. Comply with all applicable laws. The spilled material and any soil or water that it has contacted may be hazardous to animal/aquatic life.

7. HANDLING AND STORAGE

No specific notes.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION:

Use only with ventilation sufficient to prevent exceeding recommended exposure limit or buildup of explosive concentrations of vapor in air.

EYE:

Do not wear contact lenses. Wear chemical safety goggles or face shield when eye contact may occur.

OTHER:

Avoid skin contact by wearing impervious clothing. Emergency eye wash fountains and safety showers should be available. Wash clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Clear, straw
SPECIFIC GRAVITY:	0.92
FLASH POINT:	> 200 °F
APHA COLOR:	< 200
pH:	Not determined
SOLUBILITY:	Water dispersible

10. STABILITY AND REACTIVITY

STABILITY: Stable at ambient temperatures and atmospheric pressure.

HAZARD DECOMPOSITION: Carbon Monoxide, Carbon Dioxide from burning.

CONDITIONS TO AVOID: Isolate from oxidizers, heat, and open flame. Isolate from strong oxidizers such as permanganates, chromates and peroxides.

11. TOXICOLOGICAL INFORMATION

No information available

12. ECOLOGICAL INFORMATION

No information available.

13. DISPOSAL CONSIDERATIONS

DISPOSAL PROCEDURES:

Maximize product recovery for reuse or recycling. Conditions of use may cause this material to become a "Hazardous Waste", as defined by state or federal laws. Use approved treatment, transporters, and disposal sites in compliance with all applicable laws. If spill is introduced into a wastewater treatment system, chemical and biological oxygen demand will likely increase. Spill material is biodegradable if gradually exposed to microorganisms. Potential treatment and disposal methods include land farming, incineration, and land disposal, if permitted.

14. TRANSPORTATION INFORMATION

DOT SHIPPING DESCRIPTION:

Not regulated

15. REGULATORY INFORMATION

No information available.

16. OTHER INFORMATION

No specific notes

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