

MATERIAL SAFETY DATA SHEET

JIMMY SANDERS, INC.

MSDS NUMBER: 10501

DATE REVISED: 07/21/2011

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Soysurf MSO
DESCRIPTION: Agricultural Adjuvant

MANUFACTURED FOR: JIMMY SANDERS, INC.
518 N. Sharpe Avenue
Cleveland, MS 38732

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

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>COMPONENTS</u>	<u>% BY WEIGHT</u>
Proprietary Blend of Methyl Esters, Surfactants, and Formulation Aids	100%

HAZARDOUS INGREDIENTS:
None

EXPOSURE STANDARDS:
None

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS:

EYE:
May cause severe eye irritation, redness, tearing, and blurred vision.

SKIN:
Brief contact may cause slight irritation. Prolonged contact, as with clothing wetted with material, may cause more severe irritation and discomfort, seen as local redness and swelling.

INHALATION:

Vapors or mist may be irritating and cause discomfort in nose and throat, nasal discharge, and coughing. Prolonged overexposure may cause difficulty in breathing.

Inhalation may cause dizziness, drowsiness, euphoria, loss of coordination, disorientation, headache, nausea, and vomiting. In poorly ventilated areas or confined spaces, unconsciousness and asphyxiation may result.

INGESTION:

Ingestion may irritate the digestive tract; seek immediate medical attention.

OTHER INSTRUCTIONS:

A maximum of 1 ppm of ethylene oxide (EO) (75-21-8) may be present in this product. The OSHA PEL and the ACGIH TLV EO are 1 (one) ppm. Ethylene oxide is a NTP, IARC, and OSHA carcinogen. EO has also been determined to be a reproductive hazard. The trace levels of EO in this product are not expected to result in acute or long term hazards when handled according to the precautions set forth in this MSDS. However, EO may accumulate in the container headspace and be released into the ambient environment. It is the responsibility of the employer to comply with OSHA ethylene oxide standards (29 CFR 1910.1047).

4. FIRST AID MEASURES

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lens, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have the person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES**FLASH POINT (Method):**

> 200 °F (Closed cup, D-56)

AUTOIGNITION TEMPERATURE:

Not determined

FLAMMABLE LIMITS:

Lower: Not determined

Upper: Not determined

EXTINGUISHING MEDIA:

Use water spray, dry chemical, foam or carbon dioxide (CO₂) to extinguish flames. Use water spray to cool fire-exposed containers and to protect personnel.

SPECIAL FIRE FIGHTING PROCEDURES:

Do not enter fire area without proper protection. Fight fire from a safe distance and protected location. Heat may build pressure and rupture closed containers, spreading fire and increasing the risk of injury. Water may be ineffective in fire fighting. Use water spray/fog for cooling containers and firefighters. Notify proper authorities if liquid material enters the sewer or public waters.

6. ACCIDENTAL RELEASE MEASURES**ACCIDENTAL RELEASE:**

An unauthorized release of this material to the environment may be reportable under federal law to the National Response Center. Also, state and local authorities may have additional reporting requirements of which the user of this material should be aware. Use emergency response personnel if spill is beyond the capability of in-house personnel. For small spills, dike and absorb spilled liquid with an inert absorbent. Prevent entry into sewers or waterways. Wear appropriate personal protective equipment and avoid contact with skin, eyes or clothing.

Contaminated soil or water may be RCRA/OSHA hazardous waste due to potentially low flash point (See 40 CFR 261 and 19 CFR 1910). When disposing of this material, ensure that it is packaged, stored, transported, and otherwise managed in accordance with state and federal regulations.

7. HANDLING AND STORAGE**HANDLING:**

Avoid contact with eyes. Keep container closed when not in use. Use in well-ventilated area. Wash thoroughly after handling. Avoid prolonged or repeated breathing of vapor. Avoid prolonged or repeated contact with skin. Do not reuse this container.

STORAGE:

Store between 40°F and 120°F. Keep away from heat and flame. Store in a cool dry place. Keep container closed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION:

For most conditions, no respiratory protection should be needed; however, use NIOSH/MSHA approved organic vapor respirator as necessary. For concentrations above 1,000 ppm, use air-supplied or self-contained breathing apparatus.

EYE PROTECTION:

Wear OSHA standard chemical splash goggles.

SKIN PROTECTION:

For brief contact, no precautions other than clean body-covering clothing should be need. Use impervious gloves such as neoprene.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Clear yellow liquid
ODOR:	Fatty Ester / Alcohol
pH:	5.5 to 6.5
SPECIFIC GRAVITY:	.885 to .915
FLASH POINT:	> 200 °F (Closed cup, D-56)
COLOR (GARDNER):	4-7
SOLUBILITY IN WATER:	Dispersible

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY:

Stable at ambient temperatures and atmospheric pressure.

CONDITIONS TO AVOID:

Strong oxidizing agents. Isolate from open flames and heat. Keep material away from aluminum metal, oleum and nitroform.

HAZARDOUS DECOMPOSITION:

Incomplete combustion may yield carbon monoxide, carbon dioxide and other hazardous gas.

11. TOXICOLOGICAL INFORMATION

ACUTE ORAL:

The acute lethal oral dose to rats is > 5.0 g/kg.

ACUTE DERMAL:

The acute lethal dermal dose to rats is >2.0 g/kg.

EYE IRRITATION:

An eye irritation study in rabbits elicited corneal opacification and transient well-defined conjunctival irritation.

SKIN IRRITATION:

A single semi-occlusive application to intact rabbit skin for four hours elicited well-defined dermal irritation.

12. ECOLOGICAL INFORMATION

The 96 hour LC50 value for rainbow trout is 24 mg/l.

13. DISPOSAL CONSIDERATIONS

Any disposal practice must be in compliance with local, state, and federal laws and regulations (contact local or state environmental agency for specific rules). Empty containers must be handled with care due to product residue.

14. TRANSPORTATION INFORMATION

DOT SHIPPING DESCRIPTION:

Not regulated.

15. REGULATORY INFORMATION

SARA 313 INFORMATION:

This product contains the following substances subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

None

16. OTHER INFORMATION

No specific notes.

DISCLAIMER OF LIABILITY

Jimmy Sanders, Inc. makes no warranty, representation or guarantee as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user's responsibility to determine the safety, toxicity and suitability of his own use, handling and disposal of this product. Since actual use by others is beyond our control; no warranty, expressed or implied, is made by Jimmy Sanders, Inc. as to the effects of such use, the results to be obtained or the safety and toxicity of this product, nor does Jimmy Sanders, Inc. assume liability arising out of the use by others of this product referred to herein. The data in this MSDS relates only to the specific material designated herein and does not relate to use in combination with any other materials or in any process.