# Material Safety Data Sheet

## IDENTITY: MSO-100 “Methylated Seed Oil Concentrate”

## Section I -

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|---|---|
| **Manufacturer's Name:**<br>Ag Spray, Inc. | **Emergency Telephone Number:**<br>503-371-7907 |
| **Address:**<br>PO Box 12129 | **Telephone Number for Information:**<br>503-371-7907 |
| Salem, Oregon 97309-0129 | **Date Prepared:** October 14, 2007 |

## Section II - Hazardous Ingredients/Identity Information

| Hazardous Components | OSHA PEL | ACGIH TLV | Other Limits |
|---|---|---|---|
| Alcohol ethoxylate CAS# 68439-46-3 | NE | NE | None |

## Section III - Physical/Chemical Characteristics

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|---|---|---|---|
| **Boiling Point** | > 380° F | **Specific Gravity ($H_2O$ = 1)** | .87 |
| **Vapor Pressure (mm Hg)** | .90 | **Melting Point** | < 32° F |
| **Vapor Density (AIR = 1)** | < 1 | **Evaporation Rate (Butyl Acetate = 1)** | < 1 |
| **Solubility in Water:** Emulsifiable | | | |
| **Appearance and Odor:** Amber liquid | | | |

## Section IV - Fire and Explosion Hazard Data

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|---|---|---|---|
| **Flash Point (Method Used)**<br>> 400° F (PMCC) | **Flammable Limits**<br>NE | **LEL**<br>NE | **UEL**<br>NE |
| **Extinguishing Media:** Foam, CO2, dry chemical, water spray. | | | |
| **Special Fire Fighting Procedures:** Fire fighter should wear SCBA and full protective clothing. | | | |
| **Unusual Fire and Explosion Hazards:** None known. | | | |

## Section V - Reactivity Data

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|---|---|---|---|
| **Stability:** | **Unstable** | | **Conditions to Avoid:** |
| | **Stable** | X | Prolonged excessive heat. |
| **Incompatibility (Materials to Avoid):** Strong acids, bases, oxidizers. | | | |
| **Hazardous Decomposition or Byproducts:** None known. | | | |
| **Hazardous Polymerization** | **May Occur** | | **Conditions to Avoid:** |
| | **Will Not Occur** | X | None known. |

## Section VI - Health Hazard Data

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|---|---|---|---|
| **Route(s) of Entry:** | **Inhalation?** No | **Skin?** Yes | **Ingestion?** No |
| **Health Hazards (Acute and Chronic):**<br>Eyes: Contact with eyes is painful and irritating.<br>Skin: Prolonged contact may cause mild transient skin irritation. | | | |
| **Carcinogenicity:** No | **NTP?** No | **IARC Monographs?** No | **OSHA Regulated?** No |
| **Signs and Symptoms of Exposure:** Eyes: Contact with eyes is painful and irritating. | | | |
| **Medical Conditions Generally Aggravated by Exposure:** No applicable information found. | | | |
| **Emergency and First Aid Procedures:**<br>Eye contact: Flush with water for 15 minutes and seek medical help. DO NOT rub eyes.<br>Skin contact: Wash contaminated skin with soap and water.<br>Inhaled: Move to fresh air.<br>Swallowed: Call a physician immediately. Drink 2 glasses of water. DO NOT induce vomiting. | | | |

## Section VII - Precautions for Safe Handling and Use

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| **Steps to Be Taken in Case Material is Released or Spilled:** Large spills--Eliminate ignition sources. In a clean area, dike and recover for reuse. Dispose of contaminated material. Small spills--Mix with absorbent material and dispose. |
| **Waste Disposal Method:** Dispose of waste by incineration in accordance with all local, state and federal regulations. |
| **Precautions to Be taken in Handling and Storing:** Keep container tightly closed. |
| **Other Precautions:** Non-Regulated Material |

## Section VIII - Control Measures

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|---|---|---|
| **Respiratory Protection (Specify Type):** For normal operations, no protection is required. | | |
| **Ventilation:** | **Local Exhaust:** Yes | **Special:** None |
| | **Mechanical (General):** None | **Other:** None |
| **Protective Gloves:** Nitrile gloves. | | **Eye Protection:** Chemical splash goggles. |
| **Other Protective Clothing or Equipment:** Eye wash facilities. | | |
| **Work/Hygienic Practices:** Use common sense and care around chemicals. Never mix chemicals. Consult your supervisor for other practices. All practices depend on your specific business. Directions for use are normally found on label that will dictate engineering and control measures. | | |

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*Technical Material  NE = Not Established  NA = Not Applicable
< = Less than  > = More than

| HAZARD RATINGS | HMIS | NFPA |
|---|---|---|
| Health | 1 | 1 |
| Flammability | 1 | 1 |
| Reactivity | 0 | 0 |
| PPE | X | |

HAZARD RATING SCALE:
0 = Minimal
1 = Slight
2 = Moderate
3 = Serious
4 = Severe

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