

MATERIAL SAFETY DATA SHEET

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SECTION I – GENERAL INFORMATION

TRADE NAME: MES-100
CHEMICAL NAME: Methylated Seed Oil
CHEMICAL FAMILY: Methyl Ester (Vegetable Oil)
EPA REG. NO.: N/A
SIGNAL WORD: CAUTION

SECTION II – INGREDIENTS (Class = H (Hazardous), NH (Non-Hazardous))

NAME	CAS NO.	% (by wt.)	TLV	CLASS
Methylated Seed Oil/Surfactant Blend	N/A	100.00	5mg/m ³	NH

SECTION III – PHYSICAL DATA

Boiling Point:	275°F	Specific Gravity:	0.90 gm/ml
Vapor Pressure:	Very low	% Volatiles:	Negligible
Vapor Density:	NK	Solubility in Water:	Emulsifies
pH:	6-8	Appearance/Odor:	Amber color liquid, ester odor.

SECTION IV – FIRE & EXPLOSION DATA

Flash Point: >200°F
Extinguishing Media: Dry chemical, CO₂, Halon, water spray or standard foam.
Fire Fighting Procedures: Prevent material from entering waterways or supplies. Assure self-contained breathing apparatus is worn.

SECTION V – REACTIVITY DATA

Stability: Stable
Conditions to Avoid : Extreme temperatures
Incompatibility: Strong oxidizers
Hazardous Decomposition Products: Carbon dioxide and monoxide
Hazardous Polymerization: Will not occur

SECTION VI – HEALTH HAZARD DATA

Carcinogenicity: N/A
Toxicity Data: N/A
TLV: 5mg/m³
N.F.P.A.: Health: 1, Fire: 1, Reactivity: 0
(Rating: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Insignificant)
Effects of Overexposure: Prolonged exposure may result in eye or skin irritation. Avoid ingestion.

SECTION VII – EMERGENCY PROCEDURES

If in eyes: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, 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 to 20 minutes. Call a poison control center or doctor for treatment advice.

If swallowed: Call a poison control center or doctor immediately for treatment advice. Have 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.

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

Have the product container or label with you when calling a poison control center or doctor or going for treatment. Remove contaminated clothing and wash affected area with soap and water. Get medical attention immediately.

SECTION VIII- SPILL OR LEAK PROCEDURES

Steps to be taken in case of material leak or spill
Pick up spilled material with absorbent material such as clay or sand. Place in dry container for later disposal. Assure protective equipment is worn.

Waste Disposal Method
Dispose of in accordance with Local, State, and Federal Regulations.

SECTION IX – SPECIAL PROTECTION INFORMATION

Respiratory Protection: NIOSH approved respirator
Ventilation: Local exhaust
Protective Gloves: Rubber impervious
Eye Protection: Chemgoggles
Other: Coveralls, long-sleeve shirt, rubber boots

SECTION X – SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling & Storage
KEEP OUT OF REACH OF CHILDREN. FOLLOW LABEL DIRECTIONS CAREFULLY.
Store away from incompatible substances. Keep container tightly closed. Protect from exposure to air or light.

D.O.T. Description: Non-Regulated
Freight Description: Agricultural Spray Adjuvant, Liquid, N.O.S.
ERG #: 171

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