



Nonionic Spray Adjuvant

Coastal AgroBusiness, Inc.
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Emergency Phone Numbers:
Chemtrec(24 hrs): 1-800-424-9300
Coastal(Weekdays): 1-800-758-3456

IDENTITY

Trade Name: Synergy
EPA Reg. No.: Not Applicable
Synonyms: Methy Esters
Chemical Name: Mixed Fatty Acid
Methyl Esters and Nonionic
Emulsifier/Surfactant
Common Name: Adjuvant
Chemical Family: Fatty Acid Methyl
Esters
Molecular Weight: Not Determined

INGREDIENT

Component	CAS NO.	WT% PEL/TLV
Nonionic Emulsifiers, and Methylated Seed Oil	(CAS 73891-99-3 and 112-62-9)	

*All ingredients in this product are listed in the T.S.C.A. Inventory. This product contains no listed hazardous ingredients.

PHYSICAL AND CHEMICAL CHARACTERISTICS

Appearance and Odor: Clear, yellow, slightly viscous liquid with fatty ester odor
Boiling Point: 425° @20mm HG Determined
Melting Point: Not Determined
Vapor Pressure: 2mmHg @ 212°F
Vapor Density (Air=1): >1
% Volatility (V/V): Not Determined
Octanol/H₂O Partition Coef.: Not Determined
pH: 5.5 to 6.5
Saturation in air (V/V): Not Determined
Specific Gravity (H₂O=1): 0.893
Solubility in Water: Emulsifiable
Viscosity: ≈50 cps @ 25°C

FIRE AND EXPLOSION DATA

Flash Point: Approx. 188°C
Flammability Class: IIIB
Flammable Limits in Air (V/V):
LEL: Not Determined
UEL: Not Determined
Auto-Ignition Temperature: N/A
Fire Extinguishing Media: Water spray, Foam, CO₂, Dry Chemical
Fire Control Tactics: Self-contained positive pressure breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. Clear area of unprotected personnel. Cool fire

exposed containers with water. Attack from upwind.

Unusual Fire and Explosion Hazards:
None Known

NFPA HAZARD RATING

Health Hazard: 2-Moderately Hazardous
Fire Hazard: 1-Slightly Combustible
Reactivity: 0-Stable
Specific Hazard: None

REACTIVITY DATA

Stability: Stable
Conditions to Avoid: None with proper handling and storage.

Incompatibility (Materials to Avoid):
Keep away from strong oxidizers.

Reactivity: Non-reactive.

Hazardous Decomposition Products:
Fire may produce carbon monoxide and carbon dioxide and other hazardous gas.

Hazardous Polymerization: Will not occur.

HEALTH HAZARD INFORMATION

Threshold Limit Value: NOL

Permissible Exposure Limit: NOL

Warning Statements: CAUTION:
Avoid contact with eyes and skin. Harmful if swallowed. Do not take internally. Keep out of reach of children.

Signs and Symptoms of Exposure:
Irritation of skin and eye. Contact with eyes is painful and irritating. Overexposure: Prolonged skin contact may cause moderate irritation. May cause moderate eye injury.

Medical Conditions Generally Aggravated by Exposure: Preexisting eye and skin disorders may be aggravated by exposure to this product. Unnecessary exposure to this product or any chemical should be avoided.

Primary Route of Exposure: Dermal

Acute Toxicity Data:

1. Oral Toxicity:
LD₅₀>500 mg/kg<5000 mg/kg

2. Dermal Toxicity:
LD₅₀>1500 mg/kg

3. Inhalation Toxicity: No harmful effects have been reported. May irritate nasal passages and other mucous membranes.

4. Eye Irritation: Moderate

5. Skin Irritation/Sensitization: Moderate (Prolonged Exposure)

Chronic Toxicity Data: This product is not carcinogenic, teratogenic or mutagenic as determined by OSHA, NTP, or IARC.

Emergency and First Aid Procedures:

1. If swallowed: DO NOT induce vomiting. If conscious, have victim drink large amounts of water. Never give anything by mouth to an unconscious person. Contact a physician and be prepared to give information contained on this MSDS and/or the product label.

2. If Inhaled: Remove person from area of exposure. If breathing has stopped, give artificial respiration, then oxygen if needed. Contact a physician.

3. If in Eyes: Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids apart to ensure flushing of the entire eye surface. Seek medical attention.

4. If on Skin: Remove contaminated clothing and wash with large amounts of soap and water. If irritation develops, contact a physician.

SPECIAL PROTECTION INFORMATION

Respiratory Protection: None required with adequate ventilation.

Eye Protection: Avoid contact with eyes. Wear full face shield or chemical splash goggles when handling.

Skin Protection: Avoid contact with skin. USDA accepted nitrile or neoprene rubber gloves are recommended. Wear appropriate clothing to prevent repeated or prolonged contact.

Ventilation: Mechanical (general).

Other: Safety shower and eyewash station should be available. Wear protective clothing to prevent repeated or prolonged contact.

SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Handling and Storage: Keep container closed when not in use. Use with adequate ventilation. Spilled material is slippery. Avoid prolonged or repeated contact with skin. Wash thoroughly with soap and water after handling. Wash hands before breaks and at the end of work. Avoid overheating and freezing. Shake well before use.

Steps To Be Taken In Case Material Is Released Or Spilled.

Small Spills: Soak up with absorbent and sweep or shovel into a suitable container for recovery or disposal.

Large Spills: Dike the spill to minimize contaminated area and facilitate salvage and/or disposal. Recover material for use, reprocessing or disposal.

Waste Disposal Methods: Dispose of in accordance with Federal, State and Local regulations. Incineration in an authorized and permitted thermal treatment facility or chemical or biological treatment in authorized and permitted treatment facilities is recommended. Material collected with absorbent may be disposed of in a permitted landfill in accordance with Federal, State and Local regulations. Triple rinse container and dispose of in accordance with all Local, State and Federal regulations or offer for recycling.

SHIPPING DATA (PACKAGE AND BULK)

D.O.T. Proper Shipping Name: Not Regulated
D.O.T. Hazard Classification:
Primary: Not Applicable
Secondary: Not Applicable
D.O.T. Labels Required: None
D.O.T. Placards Required: None
Poison Constituent: Not Applicable
Hazardous Substance: None
Reportable Quantity (RQ):
Product: Not Applicable
Ingredient: Not Applicable
Bill of Landing Description: Adhesive, Adjuvants, Spreaders or Stickers, NOS
Transportation Emergency #:
CHEMTREC: (800)424-9300

ADDITIONAL REGULATORY INFORMATION

Sara Title III Data:**Section 311 and 312 Hazard Categories:**

Immediate Health Hazard: Y
Delayed Health Hazard: N
Fire Hazard: N
Reactive Hazard: N
Sudden Pressure Release Hazard: N

Section 302:

EHS: None; TPQ: 10,000 lbs.

Section 313: Glycol Ethers 1% (CAS Not Applicable)

CERCLA Reportable Quantity: Not Applicable

National Response Center: (800) 424-8802

CHEMTREC: (800)424-9300

The information and statements herein are believed to be reliable and are given in good faith but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.

MSDS NO.: 11707

DATE PREPARED: 01/24/2006

DATE REVISED: 01/24/06

APPROVED: *JMPearce*