

Safety Data Sheet

Synergy

SDS Number: 11795
 SDS Prepared: 01/24/2006
 SDS Version: 2.0
 Version Date: 10/03/2013

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Synergy
CHEMICAL NAME: Mixed Fatty Acid Methyl Esters and Nonionic Emulsifier/Surfactant
CHEMICAL FAMILY: Fatty Acid Methyl Esters
SYNONYMS: Methyl Esters
COMMON NAME: Adjuvant
EPA REGISTRATION NUMBER: Not Applicable

Manufactured by:
 Coastal AgroBusiness Inc.
 PO Box 856
 Greenville, NC 27835
 Phone: 1-800-635-1388

Emergency Telephone Numbers
 Chemtec (24 hours)
 1800-424-9300
 Coastal AgroBusiness, Inc. (Weekdays – Eastern Standard Time)
 1-800-635-1388

2. HAZARDS IDENTIFICATION SUMMARY

KEEP OUT OF REACH OF CHILDREN – CAUTION: Avoid contact with eyes and skin. Harmful if swallowed.
 Do not take internally

This product is a clear/yellow, slightly viscous liquid with a fatty ester odor. Primary route of entry is dermal.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Ingredients:</u>	<u>Percentage by Weight:</u>	<u>CAS No.</u>	<u>PEL/TLV</u>
Proprietary Blend of Nonionic Emulsifiers, and Methylated Seed Oil	100%	Proprietary	NOL/NOL

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

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least fifteen minutes, holding eyelids apart to ensure flushing of the entire eye surface. Do not let victim rub eyes. Seek medical attention.

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

INGESTION: 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 SDS and/or the product label.

INHALATION: Remove person from area of exposure. Give artificial respiration if necessary. If breathing is difficult, give oxygen if qualified operator is available. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

FLASH POINT (°F/Test Method):	370°F (188°C) Flammability Class IIIB
FLAMMABLE LIMITS (LFL & UFL):	Not determined
EXTINGUISHING MEDIA:	Water spray, Foam, CO2, Dry Chemical
HAZARDOUS COMBUSTION PRODUCTS:	None known
SPECIAL FIRE FIGHTING PROCEDURES:	Self-contained positive pressure breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. Clear fire area of unprotected personnel. Cool fire exposed containers with water. Attack from upwind.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	None known

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Small spills: Soak up with absorbent, shovel into a suitable container for recovery or disposal.

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

CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

7. HANDLING AND STORAGE

HANDLING:	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.
STORAGE:	Keep container closed when not in use. Avoid overheating and freezing. Shake well before use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

THRESHOLD LIMIT VALUE:	NOL
PERMISSIBLE EXPOSURE LIMIT:	NOL
SIGNS AND SYMPTOMS OF EXPOSURE:	Irritation of skin and eyes. 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, skin and respiratory disorders may be aggravated by exposure to this product. Unnecessary exposure to this product or any chemical should be avoided.
PRIMARY ROUTES OF ENTRY:	Dermal
ENGINEERING CONTROLS:	Local exhaust: Recommended when appropriate to control employee exposure. Mechanical (general): Not recommended as the sole means of controlling employee exposure.
RESPIRATORY PROTECTION:	None required with adequate ventilation.
EYE PROTECTION:	Avoid contact with eyes. Wear full face shield or chemical safety 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 skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND COLOR:	Clear, yellow, slightly viscous liquid with a fatty ester odor.
SPECIFIC GRAVITY: (Water=1):	0.893
VAPOR PRESSURE:	2mmHg @ 212°F
VAPOR DENSITY (Air = 1):	>1
% VOLATILITY (V/V):	Not determined

BOILING POINT:	425° @20mm HG Determined
MELTING POINT:	Not determined
SOLUBILITY:	Emulsifiable
pH:	5.5 to 6.5
VISCOSITY:	≈50 cps @ 25°C

Note: These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

10. STABILITY AND REACTIVITY

STABILITY:	Stable
CONDITIONS TO AVOID:	None with proper handling and storage
INCOMPATIBILITY:	Keep away from strong oxidizers
HAZARDOUS DECOMPOSITION PRODUCTS:	Fire may produce carbon monoxide, carbon dioxide and other hazardous gases
HAZARDOUS POLYMERIZATION:	Will not occur

11. TOXICOLOGICAL INFORMATION

ACUTE ORAL LD₅₀:	>500 mg/kg <5000 mg/kg
EYE IRRITATION:	Severe
INHALATION LC₅₀:	No harmful effects have been reported. May irritate nasal passages and other mucous membranes.
CARCINOGENETIC POTENTIAL:	This product is not carcinogenic, teratogenic or mutagenic as determined by OSHA, NTP, or IARC.
ACUTE DERMAL LD₅₀:	>1500 mg/kg
SKIN IRRITATION/SENSITIZATION:	Moderate (Prolonged Exposure)

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Do not reuse container. Place in trash or offer for recycling. Incinerate contaminated solids in accordance with local, state, and federal regulations.

Waste Disposal Methods: Dispose of in accordance with Local, State and Federal 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.

14. TRANSPORTATION INFORMATION

D.O.T. Shipping Description: NOT REGULATED BY DOT BY HIGHWAY.
Consult appropriate ICAO/IATA and IMDG regulations for shipment requirements in the Air and Maritime shipping modes.

15. REGULATORY INFORMATION

NFPA & HMIS Hazard Ratings:	NFPA	HMIS
	2 Health 1 Flammability 0 Reactivity	2 Health 1 Flammability 0 Reactivity C PPE
SARA Hazard Notification/Reporting	Immediate: <u>Y</u>	Fire: <u>N</u>
SARA Title III Hazard Category:	Delayed: <u>N</u>	Reactive: <u>N</u>

Reportable Quantity (RQ) under U.S. CERCLA:	Sudden Release of Pressure: <u>N</u> Not applicable
SARA, Title III, Section 313:	Glycol Ethers 4% (CAS Not Applicable)
SARA, Title III, Section 302:	
EHS	None
TPQ	10,000 lbs
RCRA Waste Code:	None
CA Proposition 65:	Not listed

16. OTHER INFORMATION

SDS STATUS:	Updated
REASON FOR CHANGE:	To meet new regulatory requirements
PREPARED BY:	Tandy O. Dunn, Director of Health, Safety & Environmental Affairs

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