

## Safety Data Sheet

# Synergy

SDS Number: 11795  
SDS Prepared: 01/24/2006  
SDS Version: 2.2  
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### 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**  
Chemtrec (24 hours)  
1-800-424-9300  
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. May be 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.

#### CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

**GHS-US Classification**

**Skin Irritation**

**Category 3**

#### EMERGENCY OVERVIEW

##### Hazard Statements

H316 - Causes mild skin irritation

#### GHS Label elements, including precautionary statements/

**Signal Word – “WARNING”**

#### Precautionary Statements - Prevention

P102 - Keep out of reach of children

P202 - Do not handle until all safety precautions have been read and understood

P280 - Wear protective gloves/protective clothing/eye protection/face protection/ hearing protection.

P264 - Wash face, hands, and any exposed skin thoroughly after handling

P270 - Do not eat, drink, or smoke when using this product

P271 - Use only outdoors or in a well-ventilated area

P260 - Do not breathe dust/fume/gas/mist/vapors/spray

#### Precautionary Statements - Response

P308 + P311 - If exposed or concerned: Call a POISON CENTER or doctor  
 P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing  
 P312 - Call a POISON CENTER or doctor if you feel unwell  
 P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor  
 P330 - Rinse mouth  
 P362 - Take off contaminated clothing.  
 P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
 P332 + P313 - IF SKIN irritation occurs: Get medical advice/attention.  
 P337 + P313 - IF EYE irritation occurs: Get medical advice/attention.

#### Precautionary Statements - Disposal

P501 - Dispose of contents/container to an approved waste disposal site

#### Hazards not otherwise classified (HNOC)

Ingestion may cause discomfort  
 May cause mild eye irritation

### 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

### 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, CO<sub>2</sub>, Dry Chemical

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon oxides

**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

<b>ACUTE ORAL LD<sub>50</sub>:</b>	None
<b>EYE IRRITATION:</b>	Mild
<b>INHALATION LC<sub>50</sub>:</b>	No harmful effects have been reported. May irritate nasal passages and other mucous membranes.
<b>CARCINOGENETIC POTENTIAL:</b>	This product is not carcinogenic, teratogenic, or mutagenic as determined by OSHA, NTP, or IARC.
<b>ACUTE DERMAL LD<sub>50</sub>:</b>	No data available
<b>SKIN IRRITATION/SENSITIZATION:</b>	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

<b>NFPA &amp; HMIS Hazard Ratings:</b>	<b>NFPA</b> 2 Health 1 Flammability 0 Reactivity	<b>HMIS</b> 2 Health 1 Flammability 0 Reactivity C PPE
<b>SARA Hazard Notification/Reporting SARA Title III Hazard Category:</b>	Immediate: <u>Y</u> Delayed: <u>N</u> Sudden Release of Pressure: <u>N</u> Not applicable	Fire: <u>N</u> Reactive: <u>N</u>
<b>Reportable Quantity (RQ) under U.S. CERCLA:</b>		
<b>SARA, Title III, Section 313:</b>	Glycol Ethers 4% (CAS Not Applicable)	
<b>SARA, Title III, Section 302:</b>		
EHS	None	
TPQ	10,000 lbs	
<b>RCRA Waste Code:</b>	None	
<b>CA Proposition 65:</b>	Not listed	

## 16. OTHER INFORMATION

<b>SDS STATUS:</b>	Updated
<b>REASON FOR CHANGE:</b>	Updated Technical Information
<b>PREPARED BY:</b>	Tandy O. Dunn, Director of Health, Safety & Environmental Affairs

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