

Safety Data Sheet

Synergy

SDS Number: 11795
SDS Prepared: 01/24/2006
SDS Version: 2.4
Version Date: 07/16/2025

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

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

GHS-US Classification

Skin Irritant 2 H315
Eye Irritant 2B H320

LABEL ELEMENTS

GHS-US Labeling

Hazard Pictogram (GHS-US)



GHS07

SIGNAL WORD (GHS-US)

WARNING

HAZARD STATEMENTS (GHS-US)

H315 - Causes skin irritation.

H320 - Causes eye irritation.

PRECAUTIONARY STATEMENTS (GHS-US)

P102 - Keep out of reach of children.

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

P260 - Do not breathe dust/fumes/gas/mist/vapors/spray.

P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.

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

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

P280 - Wear protective gloves, protective clothing, and eye protection.

P273 - Avoid release to the environment.

P301+P330+P310 - IF SWALLOWED: Rinse mouth. Immediately call a POISON CENTER or doctor.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P308+P311 - If exposed or concerned: Call a POISON CENTER or doctor.

P312 - Call a POISON CENTER or doctor if you feel unwell.

P332+P313 - IF SKIN irritation occurs: Get medical advice/attention.

P337+P313 - IF eye irritation persists: Get medical advice/attention.

P362 - Take off contaminated clothing.

P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)

Ingestion may cause discomfort.

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:	Call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.
INHALATION:	Remove person from area of exposure. Give artificial respiration if necessary. If breathing is difficult, give oxygen if a qualified operator is available. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

FLASH POINT (°F/Test Method):	370°F (187.7°C) Flammability Class IIIB
FLAMMABLE LIMITS (LFL & UFL):	Not determined
EXTINGUISHING MEDIA:	Foam, dry chemical, CO ₂ , water spray.
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 the 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

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

PERMISSIBLE EXPOSURE LIMIT:
SIGNS AND SYMPTOMS OF EXPOSURE:
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:
PRIMARY ROUTES OF ENTRY:
ENGINEERING CONTROLS:

NOL

Irritation of skin and eyes. Contact with eyes is painful and irritating. Prolonged skin or eye contact may cause moderate irritation.

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.

Dermal

Local exhaust: Recommended when appropriate to control employee exposure. Mechanical (general) exhaust: Not recommended as the sole means of controlling employee exposure.

None required with adequate ventilation.

RESPIRATORY PROTECTION:
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

COLOR AND PHYSICAL STATE:

Clear, yellow, slightly viscous liquid

ODOR:

Fatty ester odor

SPECIFIC GRAVITY (Water=1):

0.89

VAPOR PRESSURE:

2 mmHg @ 212°F

VAPOR DENSITY (Air = 1):

>1

% VOLATILITY (V/V):

Not Determined

BOILING POINT:

425°F @ 20 mmHg Determined

MELTING POINT:

Not Determined

SOLUBILITY:

Emulsifiable

pH:

5.5 - 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:

Strong oxidizing agents.

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:

May cause discomfort if ingested.

ACUTE DERMAL LD₅₀:

No data available.

INHALATION LC₅₀:

No data available.

EYE IRRITATION:

Causes eye irritation.

CARCINOGENIC POTENTIAL:

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

SKIN IRRITATION/SENSITIZATION:

Causes skin irritation.

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 local, state, and federal regulations. Triple rinse the container and dispose of it 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:

<u>NFPA</u>		<u>HMIS</u>	
2 Health	0 Reactivity	2 Health	0 Reactivity
1 Flammability		1 Flammability	C PPE

SARA Hazard Notification/Reporting

SARA Title III Hazard Category: Immediate: Y Fire: N Sudden Release of Pressure: N
Delayed: N Reactive: N
Not applicable

Reportable Quantity (RQ) under U.S. CERCLA:

SARA, Title III, Section 313: Glycol Esters 4% (CAS No: 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: Updated Technical Information
PREPARED BY: Emma Simpson, Product Development Specialist - Chemist

Disclaimer and Limitation of Liability: This data sheet was developed from information on the constituent materials identified herein and does not relate to the use of such materials in combination with any other material or process. No warranty is expressed or implied with respect to the completeness or ongoing accuracy of the information contained in this data sheet, and Coastal AgroBusiness, Inc. disclaims all liability for reliance on such information. This data sheet is not a guarantee of safety. Users are responsible for ensuring that they have all current information necessary to safely use the product described by this data sheet for their specific purpose.

