Coastal AgroBusiness, Inc.

Safety Data Sheet

Matrixx

SDS Number: 11225
SDS Prepared: 12/15/1994
SDS Version: 4.3
Version Date: 07/15/2025

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Matrixx

CHEMICAL NAME: Polymethylsiloxane Copolymer and Alkyl Polyethoxy Ether Blend

CHEMICAL FAMILY: Organo-modified Silicone

SYNONYMS: Nonionic Organo-Modified Silicone Surfactant Blend

COMMON NAME: Surfactant

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

Acute Toxicity - Inhalation 4	H332
Eye Irritant 2A	H319
Skin Irritant 2	H315
Aquatic Toxicity - Acute 2	H401
Aquatic Toxicity - Chronic 3	H412

LABEL ELEMENTS

GHS-US Labeling

Hazard Pictogram (GHS-US)



GHS07

SIGNAL WORD (GHS-US)

WARNING

HAZARD STATEMENTS (GHS-US)

H332 - Harmful if inhaled.
H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H401 - Toxic to aquatic life.
H412 - Harmful to aquatic life with long-lasting effects.

PRECAUTIONARY STATEMENTS (GHS-US)

P102 - Keep out of reach of children.
P261 - Avoid breathing dust/fumes/gas/mists/vapors/spray.
P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P273 - Avoid release to the environment.
P280 - Wear protective gloves, protective clothing, and eye protection.
P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.
P330 - Rinse mouth.
P302+P350 - 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.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P391 - Collect spillage.
P402 - Store in a dry place.
P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

HAZARD(S) NOT OTHERWISE CLASSIFIED (HNOC)

Oral

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredients:	Percentage by Weight:	CAS No.	PEL/TLV
Proprietary Blend of Polyether-Polymethylsiloxane-Copolymer and Alkyl Polyethoxy Ethers	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): >200°F (93.3°C)

FLAMMABLE LIMITS (LFL & UFL): Not determined

EXTINGUISHING MEDIA: Foam, dry chemical, CO_2, Water, Class BC, ABC fire extinguisher.

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

SMALL SPILLS: Soak up with absorbent and 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.

STORAGE: This material will become hazy at low temperatures. Freezing will cause some separation. Warming and shaking the container will restore the material to its normal appearance. Shake well before use. Keep from freezing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PERMISSIBLE EXPOSURE LIMIT:	NOL
SIGNS AND SYMPTOMS OF EXPOSURE:	Irritation of the skin and eyes. Contact with eyes is painful and irritating. Overexposure: Prolonged skin contact may cause moderate irritation. May cause severe 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 and Inhalation.
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

COLOR AND PHYSICAL STATE:	Clear/yellow tinge liquid
ODOR:	Mild polyether odor
SPECIFIC GRAVITY (Water=1):	1.02
VAPOR PRESSURE:	Not determined
VAPOR DENSITY (Air = 1):	Not determined
% VOLATILITY (V/V):	Not determined
BOILING POINT:	Not determined
MELTING POINT:	Not Determined
SOLUBILITY:	Soluble
pH:	4.0 - 6.0 (4% aqueous solution)
VISCOSITY @ 77°F (25°C):	≈ 0.5 cps

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:	None with proper handling and storage.
HAZARDOUS DECOMPOSITION PRODUCTS:	None known
HAZARDOUS POLYMERIZATION:	Will not occur.

11. TOXICOLOGICAL INFORMATION

ACUTE ORAL LD_{50}:	>5000 mg/kg
ACUTE DERMAL LD_{50}:	>5000 mg/kg
ACUTE INHALATION LC_{50}:	4.5 mg/L (Dusts, mists, and fumes)

EYE IRRITATION: Moderate

CARCINOGENIC POTENTIAL: This product is not mutagenic, teratogenic, or carcinogenic as determined by OSHA, NTP, or IARC. Note: This product may contain trace amounts of Ethylene Oxide (ETO), which could accumulate in the headspace of storage and transport vessels. Repeated/prolonged exposures may be harmful since ETO is a carcinogen and reproductive hazard. OSHA has established a 1.0 ppm 8-hour TWA for ETO.

SKIN IRRITATION/SENSITIZATION: Moderate

12. ECOLOGICAL INFORMATION

TOXICOLOGY

ACUTE - AQUATIC TOXICITY

FISH

Oncorhynchus mykiss (Rainbow Trout): LC_{50}: 8.75 mg/L; Exposure Time: 96 Hours

AQUATIC INVERTEBRATES

Daphnia magna (Water Flea): EC_{50}: 4.58 mg/L; Exposure Time: 48 Hours

CHRONIC - AQUATIC TOXICITY

AQUATIC PLANTS

Lemma gibba G3 (Gibbous duckweed): ErC_{50}: 79.58 mg/L
ErC_{10}: 22.04 mg/L

PERSISTENCE AND DEGRADABILITY: No data available

BIOACCUMULATIVE POTENTIAL: No data available

MOBILITY IN SOIL: No data available

OTHER 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	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

Reportable Quantity (RQ) under U.S. CERCLA: None

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:	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.