

# Safety Data Sheet

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## Matrixx

### 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	Category 4
Skin Corrosion/Irritation	Category 2
Serious Eye Irritation	Category 2A
Aquatic Toxicity – Acute	Category 2
Aquatic Toxicity – Chronic	Category 3

#### 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)  
PREVENTION**

P261 – Avoid breathing dust/fumes/gas/mists/vapors/spray  
 P264 – Wash 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/eye protection/face protection

**RESPONSE**

P302+P350 – IF ON SKIN: Wash with plenty of soap and water.  
 P304+P340 – IF INHALED: Remove victim to fresh air and keep comfortable for breathing.  
 P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P301+P312 – IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.  
 P337+P313 – if eye irritation persists: Get medical advice/attention.  
 P362+P364 – Take off contaminated clothing and wash it before reuse.  
 P391 – Collect spillage  
 P330 – Rinse mouth

**STORAGE**

P402 – Store in a dry place.

**DISPOSAL**

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**

<u>Chemical Ingredients:</u>	<u>Percentage by Weight:</u>	<u>CAS No.</u>	<u>PEL/TLV</u>
Proprietary Blend of Polyether-Polymethylsiloxane-Copolymer and Alkyl Polyethoxy Ethers	100%	Proprietary	NOL/NOL

**4. FIRST AID MEASURES**

<b>EYES:</b>	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.
<b>SKIN:</b>	Remove contaminated clothing and wash with large amounts of soap and water. If irritation develops, contact a physician.
<b>INGESTION:</b>	Contact a physician and be prepared to give information contained on this SDS and/or the product label.
<b>INHALATION:</b>	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**

<b>FLASH POINT (°F/Test Method):</b>	>200°F (100°C) Flammability Class IIIB
<b>FLAMMABLE LIMITS (LFL &amp; UFL):</b>	Not determined
<b>EXTINGUISHING MEDIA:</b>	Foam, CO <sub>2</sub> , Dry Chemical, and Water; Class BC, ABC Fire Extinguisher

<b>HAZARDOUS COMBUSTION PRODUCTS:</b>	None known
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	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.
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b>	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

<b>HANDLING:</b>	Use with adequate ventilation. Spilled material is slippery. Avoid prolonged or repeated contact with skin. Wash thoroughly with soap and water after handling.
<b>STORAGE:</b>	This material will become hazy at low temperatures. Freezing will cause some separation. Warning and shaking the container will restore the material to its normal appearance. Shake well before use. Keep from freezing.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>THRESHOLD LIMIT VALUE:</b>	NOL
<b>PERMISSIBLE EXPOSURE LIMIT:</b>	NOL
<b>SIGNS AND SYMPTOMS OF EXPOSURE:</b>	Irritation of skin and eyes. Contact with eyes is painful and irritating. Overexposure: Prolonged skin contact may cause moderate irritation. May cause severe eye injury.
<b>MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:</b>	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.
<b>PRIMARY ROUTES OF ENTRY:</b>	Dermal and inhalation
<b>ENGINEERING CONTROLS:</b>	Local exhaust: Recommended when appropriate to control employee exposure. Mechanical (general): Not recommended as the sole means of controlling employee exposure.
<b>RESPIRATORY PROTECTION:</b>	None required with adequate ventilation.
<b>EYE PROTECTION:</b>	Avoid contact with eyes. Wear full face shield or chemical safety goggles when handling.
<b>SKIN PROTECTION:</b>	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

<b>APPEARANCE AND COLOR:</b>	Clear/yellow tinge, slightly viscous liquid with a mild polyether odor.
<b>SPECIFIC GRAVITY: (Water=1):</b>	1.021
<b>VAPOR PRESSURE:</b>	Not determined
<b>VAPOR DENSITY (Air = 1):</b>	Not determined
<b>% VOLATILITY (V/V):</b>	Not determined
<b>BOILING POINT:</b>	Not determined
<b>MELTING POINT:</b>	Not determined
<b>SOLUBILITY:</b>	Soluble
<b>pH:</b>	6-7 (4% aqueous solution)

**VISCOSITY @ 22°C:** ≈53 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:** None with proper handling and storage  
**HAZARDOUS DECOMPOSITION PRODUCTS:** None known  
**HAZARDOUS POLYMERIZATION:** Will not occur

## 11. TOXICOLOGICAL INFORMATION

**ACUTE ORAL LD<sub>50</sub>:** >5000 mg/kg  
**EYE IRRITATION:** Moderate  
**INHALATION LC<sub>50</sub>:** 4.5 mg/l (Dusts, mists, and fumes)  
**CARCINOGENETIC 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 cancer and reproductive hazard. OSHA has established a 1.0 ppm 8-hour TWA for ETO.  
**ACUTE DERMAL LD<sub>50</sub>:** >5000 mg/kg  
**SKIN IRRITATION/SENSITIZATION:** Moderate

## 12. ECOLOGICAL INFORMATION

### TOXICOLOGY

#### ACUTE HAZARDS

##### Fish

*Oncorhynchus mykiss* (Rainbow Trout) Exposure Time: 96 hours  
 LC<sub>50</sub>: 8.75 mg/L

##### Aquatic Invertebrates

*Daphnia magna* (Water flea) Exposure Time: 48 hours  
 EC<sub>50</sub>: 4.58 mg/L

#### CHRONIC HAZARDS

##### Toxicity to Aquatic Plants:

*Lemna gibba G3* (Gibbous duckweed) ErC<sub>50</sub>: 79.58 mg/L  
 ErC<sub>10</sub>: 22.04 mg/L

#### PERSISTENCE AND DEGRADABILITY

**Persistence and Degradability** No data available

#### BIOACCUMULATIVE POTENTIAL

**Bioaccumulative Potential** No data available

#### MOBILITY IN SOIL

No data available

#### OTHER ADVERSE EFFECTS

Avoid release to the environment

## 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**

2 Health  
1 Flammability  
0 Reactivity

**HMIS**

2 Health  
1 Flammability  
0 Reactivity  
C PPE

**SARA Hazard Notification/Reporting  
SARA Title III Hazard Category:**

Immediate: Y  
Delayed: N  
Sudden Release of Pressure: N  
Not applicable

Fire: N  
Reactive: N

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

**SARA, Title III, Section 313:  
SARA, Title III, Section 302:**

Glycol Ethers 4% (CAS Not Applicable)

EHS  
TPQ

None  
10,000 lbs

**RCRA Waste Code:  
CA Proposition 65:**

None  
Not listed

## 16. OTHER INFORMATION

**SDS STATUS:**

Updated

**REASON FOR CHANGE:**

Updated Technical Information

**PREPARED BY:**

Tandy O. Dunn, Director of Health, Safety & Environmental Affairs

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