

# MATRIX

## Nonionic

### Wetter/Spreader/Penetrant

Coastal AgroBusiness, Inc.

PO Box 856

3702 Evans Street

Greenville NC 27835

(252)756-1126

Emergency Phone Numbers:

Chemtrec(24 hrs): 1-800-424-9300

Coastal(Weekdays): 1-800-758-3456

#### IDENTITY

Trade Name: Matrixx

EPA Reg. No.: Not Applicable

Synonyms: Nonionic Organo Modified  
Silicone Surfactant BlendChemical Name: Polymethylsiloxane  
Copolymer and Alkyl Polyethoxy Ether  
Blend

Common Name: Surfactant

Chemical Family: Organo-modified  
SiliconeMolecular Formulas: Refer to technical  
data sheet.

Molecular Weight: Not Determined

#### INGREDIENT

Component	CAS NO.	WT%	PEL/TLV
Proprietary Blend of Polymethylsiloxane-Copolymer and Alkyl Polyethoxy Ethers	Proprietary	100	NOL/NOL

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

#### PHYSICAL AND CHEMICAL CHARACTERISTICS

**Appearance and Odor:** Clear/yellow tinge, slightly viscous liquid w/ a mild polyether odor.

**Boiling Point:** >200°F

**Melting Point:** Not Determined

**Vapor Pressure:** Not Determined

**Vapor Density (Air=1):** >1

**% Volatility (V/V):** Not Determined

**Octanol/H<sub>2</sub>O Partition Coef.:** Not Determined

**pH:** 6-7 (4% aqueous solution)

**Saturation in air (V/V):** Not Determined

**Specific Gravity (H<sub>2</sub>O=1):** 1.021

**Solubility in Water:** Soluble

**Viscosity:** ≈53 cps @ 25°C

#### FIRE AND EXPLOSION DATA

**Flash Point:** >200°F (100°C);

Flammability Class: IIIB

**Flammable Limits in Air (V/V):**

LEL: Not Determined

UEL: Not Determined

**Auto-Ignition Temperature:** Not Determined

**Fire Extinguishing Media:** Foam, CO<sub>2</sub>, Dry Chemical, and Water; Class BC, ABC Fore Extinguisher

**Fire Control Tactics:** Self-contained positive pressure breathing apparatus 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

#### NFPA HAZARD RATING

**Health Hazard:** 2-Moderately Hazardous

**Fire Hazard:** 1-Slightly Combustible

**Reactivity:** 0-Stable

**Specific Hazard:** None

#### REACTIVITY DATA

**Stability:** Stable

**Conditions to Avoid:** None with proper handling and storage.

**Incompatibility (Materials to Avoid):** None with proper handling and storage.

**Reactivity:** Non-reactive.

**Hazardous Decomposition Products:** None Known

**Hazardous Polymerization:** Will not occur.

#### HEALTH HAZARD INFORMATION

**Threshold Limit Value:** NOL

**Permissible Exposure Limit:** NOL

**Warning Statements:** Avoid contact with eyes and skin. Harmful if swallowed. Do not take internally. Keep out of reach of children.

**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 severe eye injury.

**Medical Conditions Generally Aggravated by Exposure:** Preexisting eye and skin disorders may be aggravated by exposure to this product. Unnecessary exposure to this product or any chemical should be avoided.

**Primary Route of Exposure:** Dermal

**Acute Toxicity Data:**

**1. Oral Toxicity:**

LD<sub>50</sub> 3200 mg/kg

**2. Dermal Toxicity:**

LD<sub>50</sub> 1500 mg/kg

**3. Inhalation Toxicity: 1.08 mg/l**

May irritate nasal passages. (Atomized)

**4. Eye Irritation:** Severe

**5. Skin Irritation/Sensitization:** Moderate (Prolonged Exposure)

**Chronic Toxicity Data:** 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.

#### Emergency and First Aid Procedures:

**1. If swallowed:** Contact a physician and be prepared to give information contained on this MSDS and/or the product label.

**2. If Inhaled:** Remove from area of exposure. If breathing has stopped, give artificial respiration, then oxygen if needed. Contact a physician.

**3. If in Eyes:** Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids apart to ensure flushing of the entire eye surface. Seek medical attention.

**4. If on Skin:** Remove contaminated clothing and wash with large amounts soap and water. If irritation develops, contact a physician.

#### SPECIAL PROTECTION INFORMATION

**Respiratory Protection:** None required with adequate ventilation.

**Eye Protection:** Avoid contact with eyes. Wear full face shield or chemical splash 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.

**Ventilation:** Mechanical (general).

**Other:** It is recommended that a safety shower and eye wash be available. Wear protective clothing to prevent repeated or prolonged contact.

#### SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

**Handling and Storage:** Keep container closed when not in use. 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 end of work. 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.

**Steps To Be Taken In Case Material Is Released Or Spilled.**

**Small Spills:** Soak up with absorbent and sweep or 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.

**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.

**SHIPPING DATA****(PACKAGE AND BULK)**

**D.O.T. Proper Shipping Name:** Not Regulated

**D.O.T. Hazard Classification:**

**Primary:** Not Applicable

**Secondary:** Not Applicable

**D.O.T. Labels Required:** None

**D.O.T. Placards Required:** None

**Poison Constituent:** Not Applicable

**Hazardous Substance:** None

**Reportable Quantity (RQ):**

**Product:** Not Applicable

**Ingredient:** Not Applicable

**Bill of Landing Description:** Adhesive, Adjuvants, Spreaders or Stickers, NOS

**Transportation Emergency #:**

CHEMTREC: (800)424-9300

**ADDITIONAL REGULATORY INFORMATION**

**Sara Title III Data:**

**Section 311 and 312 Hazard Categories:**

**Immediate Health Hazard:** Y

**Delayed Health Hazard:** N

**Fire Hazard:** N

**Reactive Hazard:** N

**Sudden Pressure Release Hazard:** N

**Section 302:**

EHS: None; TPQ: 10,000 lbs.

**Section 313:** Glycol Ethers 4% (CAS Not Applicable)

**CERCLA Reportable Quantity:** Not Applicable

**National Response Center:**

(800)424-8802

**CHEMTREC:** (800)424-9300

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**MSDS NO.:** 11225

**DATE PREPARED:** 12/15/94

**DATE REVISED:** 3/7/03

**APPROVED:** 