

Safety Data Sheet

Matrixx

SDS Number: 11225
 SDS Prepared: 12/15/1994
 SDS Version: 3.0
 Version Date: 10/02/2013

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
 Chemtec (24 hours)
 1800-424-9300
 Coastal AgroBusiness, Inc. (Weekdays – Eastern Standard Time)
 1-800-635-1388

2. HAZARDS IDENTIFICATION SUMMARY

KEEP OUT OF REACH OF CHILDREN – WARNING Avoid contact with eyes and skin. Harmful if swallowed.
 Do not take internally.

This product is a clear/yellow tinge, slightly viscous liquid with a mild polyether odor. Primary route of entry is dermal.

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 Polymethylsiloxane-Copolymer and Alkyl Polyethoxy Ethers	100%	Proprietary	NOL/NOL

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

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: 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):	>200°F (100°C) Flammability Class IIIB
FLAMMABLE LIMITS (LFL & UFL):	Not determined
EXTINGUISHING MEDIA:	Foam, CO ₂ , Dry Chemical, and 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

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.
STORAGE:	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

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 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
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 tinge, slightly viscous liquid with a mild polyether odor.
SPECIFIC GRAVITY: (Water=1):	1.021

VAPOR PRESSURE:	Not determined
VAPOR DENSITY (Air = 1):	Not determined
% VOLATILITY (V/V):	Not determined
BOILING POINT:	>200°F
MELTING POINT:	Not determined
SOLUBILITY:	Soluble
pH:	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 LD₅₀:	3200 mg/kg
EYE IRRITATION:	Moderate
INHALATION LC₅₀:	1.08 mg/l May irritate nasal passages. (Atomized)
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 LD₅₀:	1500 mg/kg
SKIN IRRITATION/SENSITIZATION:	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

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:

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:

To meet new regulatory requirements

PREPARED BY:

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

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