

## Safety Data Sheet

# Excel

SDS Number: 10795  
 SDS Prepared: 04/15/1994  
 SDS Version: 3.0  
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### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Excel  
**CHEMICAL NAME:** Polyether-Polymethylsiloxane Copolymer  
**CHEMICAL FAMILY:** Silicone  
**SYNONYMS:** Nonionic Organo Modified Silicone Surfactant  
**COMMON NAME:** Surfactant  
**EPA REGISTRATION NUMBER:** Not Regulated

**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 – CAUTION-** Avoid contact with eyes and skin. Harmful if swallowed. Do not take internally.

This product is a clear, yellow tinged, slightly viscous liquid with a moderate 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>
Polyether-Polymethylsiloxane Copolymer	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:** 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 qualified operator is available. Seek immediate medical attention.

## 5. FIRE FIGHTING MEASURES

<b>FLASH POINT (°F/Test Method):</b>	212°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
<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 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.

**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. 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. Keep from freezing.
<b>STORAGE:</b>	Keep container closed when not in use.

## 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 and skin 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
<b>ENGINEERING CONTROLS:</b>	Use adequate exhaust ventilation to prevent inhalation of product vapors.
<b>RESPIRATORY PROTECTION:</b>	None required with adequate ventilation. Use NIOSH-approved respiratory protection equipment if misty conditions exist.
<b>EYE PROTECTION:</b>	Avoid contact with eyes. Wear full face shield or chemical splash goggles when handling. Do not wear contact lenses.
<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 tinged, slightly viscous liquid with a moderate polyether odor.
<b>SPECIFIC GRAVITY: (Water=1):</b>	1.0192
<b>VAPOR PRESSURE:</b>	Not Determined
<b>VAPOR DENSITY (Air = 1):</b>	>1
<b>% VOLATILITY (V/V):</b>	Not Determined
<b>BOILING POINT:</b>	Not Determined

**MELTING POINT:** Not Determined  
**SOLUBILITY:** Soluble  
**pH:** 6-8 (4% aqueous solution)  
**VISCOSITY @ 20°C:** ~55 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>:** > 500 mg/kg < 5000mg/kg  
**EYE IRRITATION:** Severe  
**INHALATION LC<sub>50</sub>:** No harmful effects have been reported.  
**CARCINOGENETIC POTENTIAL:** This product is not mutagenic, teratogenic, or carcinogenic as determined by OSHA, LARC, or NTP.  
**ACUTE DERMAL LD<sub>50</sub>:** 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 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 a permitted treatment facility 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

<b>NFPA &amp; HMIS Hazard Ratings:</b>	<b>NFPA</b>	<b>HMIS</b>
	2 Health	2 Health
	1 Flammability	1 Flammability
	0 Reactivity	0 Reactivity
		C PPE

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

Immediate: Y

Fire: N

Reportable Quantity (RQ) under U.S. CERCLA:	Delayed: <u>N</u>	Reactive: <u>N</u>
SARA, Title III, Section 313:	Sudden Release of Pressure: <u>N</u>	
SARA, Title III, Section 302:	None	
EHS	None	
TPQ	10,000 lbs	
RCRA Waste Code:	Not listed	
CA Proposition 65:	Not listed	
	Contains no chemical subject to SARA 313	

## 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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