

# Safety Data Sheet

## Excel

SDS Number: 10795  
SDS Prepared: 04/15/1994  
SDS Version: 3.3  
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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**  
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
Acute Toxicity – Dermal	Category 4
Serious Eye Irritation	Category 2A
Aquatic Toxicity – Acute	Category 2
Aquatic Toxicity – Chronic	Category 2

**LABEL ELEMENTS**

**GHS-US Labeling**

**Hazard Pictogram (GHS-US)**



GHS07

**SIGNAL WORD (GHS-US)**

**HAZARD STATEMENTS (GHS-US)**

**WARNING**

H332 – Harmful if inhaled.  
H312 – Harmful in contact with skin.  
H319 – Causes serious eye irritation.  
H401 – Toxic to aquatic life.  
H411 – Toxic to aquatic life with long lasting effects.

**PRECAUTIONARY STATEMENTS (GHS-US)**

**PREVENTION**

P261 – Avoid breathing dust/fumes/gas/mists/vapors/spray

**RESPONSE**

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  
 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.  
 P312 – 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  
 P501 – Dispose of contents/container in accordance with local, regional, national, and international regulations.  
 None

**DISPOSAL****HAZARD(S) NOT OTHERWISE CLASSIFIED (HNOC):**

None

**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

**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 off clothes and skin with large amounts of soap and water. If irritation develops, contact a physician.
<b>INGESTION:</b>	Call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.
<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>	>284°F (>140°C)
<b>FLAMMABLE LIMITS (LFL &amp; UFL):</b>	Not determined
<b>EXTINGUISHING MEDIA:</b>	Foam, CO <sub>2</sub> , Dry Chemical, and Water Spray
<b>HAZARDOUS COMBUSTION PRODUCTS:</b>	In the event of fire, the following can be released: Carbon monoxide, carbon dioxide, silicon dioxide. Under certain conditions of combustion, traces of other toxic substance cannot be excluded.
<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

**HANDLING:** 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.

**STORAGE:** Keep container closed when not in use.

## 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 and skin 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:** Use adequate exhaust ventilation to prevent inhalation of product vapors.

**RESPIRATORY PROTECTION:** None required with adequate ventilation. Use NIOSH-approved respiratory protection equipment if misty conditions exist.

**EYE PROTECTION:** Avoid contact with eyes. Wear full face shield or chemical splash goggles when handling. Do not wear contact lenses.

**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 tinged, slightly viscous liquid.

**ODOR:** moderate polyether odor

**SPECIFIC GRAVITY: (Water=1):** 1.01

**VAPOR PRESSURE:** Not Determined

**VAPOR DENSITY (Air = 1):** not determined

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

**FREEZING POINT:** <32°F (<0°C)

**BOILING POINT:** >392°F (>200°C)

**MELTING POINT:** Not Determined

**SOLUBILITY:** Soluble

**pH:** 6-8 (4% aqueous solution)

**VISCOSITY @ 25°C:** 40 – 90 mPa-s

**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

<b>CONDITIONS TO AVOID:</b>	Freezing
<b>INCOMPATIBILITY:</b>	None with proper handling and storage
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	None known
<b>HAZARDOUS POLYMERIZATION:</b>	Will not occur

## 11. TOXICOLOGICAL INFORMATION

<b>ACUTE ORAL LD<sub>50</sub>:</b>	3,200 mg/kg
<b>EYE IRRITATION:</b>	Irritating
<b>INHALATION LC<sub>50</sub>:</b>	1.08 mg/L Dusts, mists, and fumes
<b>CARCINOGENETIC POTENTIAL:</b>	This product is not mutagenic, teratogenic, or carcinogenic as determined by OSHA, LARC, or NTP.
<b>ACUTE DERMAL LD<sub>50</sub>:</b>	1,550 mg/kg
<b>SKIN IRRITATION/SENSITIZATION:</b>	None

## 12. ECOLOGICAL INFORMATION

### TOXICOLOGY

#### ACUTE HAZARDS

##### Fish

<i>Oncorhynchus mykiss</i> (Rainbow Trout)	Exposure Time: 96 hours LC <sub>50</sub> : 2.1 mg/L
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##### Aquatic Invertebrates

<i>Daphnia magna</i> (Water flea)	Exposure Time: 48 hours EC <sub>50</sub> : 1.1 mg/L
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#### CHRONIC HAZARDS

##### Toxicity to Aquatic Plants:

<i>Scenedesmus subspicatus</i>	Exposure Time: 72 hours EbC <sub>50</sub> : 28.2 mg/L (refer to biomass) ErC <sub>50</sub> : 152.2 mg/L (growth rate)
<i>Lemna gibba G3</i> (Gibbous duckweed)	ErC <sub>50</sub> : 19.1 mg/L ErC <sub>10</sub> : 5.29 mg/L

#### PERSISTENCE AND DEGRADABILITY

Persistence and Degradability	No data available
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#### BIOACCUMULATIVE POTENTIAL

Bioaccumulative Potential	No data available
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#### 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 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

**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                      Fire: N  
Delayed: N                         Reactive: N  
Sudden Release of Pressure: N  
None

**Reportable Quantity (RQ) under U.S.  
CERCLA:**
**SARA, Title III, Section 313:**

Contains no chemical subject to SARA 313

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

EHS  
TPQ

None  
10,000 lbs

**RCRA Waste Code:**

Not listed

**CA Proposition 65:**

Not listed

## 16. OTHER INFORMATION

**SDS STATUS:**

Updated

**REASON FOR CHANGE:**

Updated Technical Statements

**PREPARED BY:**

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

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