

Safety Data Sheet

Excel 2000

SDS Number: 10525
SDS Prepared: 12/15/1994
SDS Version: 4.1
Version Date: 07/14/2025

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Excel 2000
CHEMICAL NAME: Polyether-modified polysiloxane
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 - Dermal 4	H312
Acute Toxicity - Inhalation 4	H332
Eye Irritant 2A	H319
Aquatic Toxicity - Acute 2	H401
Aquatic Toxicity - Chronic 2	H412

LABEL ELEMENTS

GHS-US Labeling

Hazard Pictogram (GHS-US)



GHS09

GHS07

SIGNAL WORD (GHS-US)

WARNING

HAZARD STATEMENTS (GHS-US)

H312 - Harmful in contact with skin.
H332 - Harmful if inhaled.
H319 - Causes serious eye irritation.
H401 - Toxic to aquatic life.
H412 - Harmful to aquatic life with long-lasting effects.

PRECAUTIONARY STATEMENTS (GHS-US)

P102 - Keep out of reach of children.
P203 - Obtain, read, and follow all safety instructions before use.
P260 - Do not breathe dust/fumes/gas/mist/vapors/spray.

P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.
P270 - Do not eat, drink, or smoke when using this product.
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.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P304+P340 - IF INHALED: Remove victim to fresh air and keep comfortable for breathing.
P302+P350 - IF ON SKIN: Gently wash with plenty of soap and water.
P312 - Call a POISON CENTER or 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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Ingredients:</u>	<u>Percentage by Weight:</u>	<u>CAS No.</u>	<u>PEL/TLV</u>
Polyether-modified polysiloxane	100%	134180-76-0	NOL/NOL

4. FIRST AID MEASURES

GENERAL: Remove soiled or soaked clothing immediately. Treat symptomatically.
EYES: In case of contact with the eyes, rinse thoroughly with plenty of water. If symptoms persist, seek medical advice.
SKIN: In case of contact with skin, wash off with soap and water. Consult a doctor if skin irritation persists.
INGESTION: Call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person. Get medical attention immediately.
INHALATION: If inhaled, remove from the site of exposure to fresh air, seek medical advice.

5. FIRE FIGHTING MEASURES

FLASH POINT (°F/Test Method): >284°F (140°C) (DIN EN 22719)
FLAMMABLE LIMITS (LFL & UFL): Not determined
EXTINGUISHING MEDIA: Foam, dry powder, CO₂, and water spray.
UNSUITABLE EXTINGUISHING MEDIA: Full water jet
HAZARDOUS COMBUSTION PRODUCTS: CO, CO₂, silicon dioxide. Under certain conditions of combustion, traces of other toxic substances cannot be excluded.
SPECIAL FIRE FIGHTING PROCEDURES: Collect contaminated firefighting water separately; it must not be discharged into the drains. Self-contained breathing apparatus. Do not inhale explosion and/or combustion gases.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None known

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Use personal protective equipment.
CONTAINMENT AND CLEANUP: Take up with absorbent material (e.g., sand, diatomaceous earth, universal binder).
ENVIRONMENTAL PRECAUTIONS: Dispose of absorbed material in accordance with all federal, state, and local regulations. Do not allow entry into drains or waterways. Do not discharge into the subsoil/soil.

7. HANDLING AND STORAGE

HANDLING: Provide appropriate exhaust ventilation at machinery. Provide good ventilation of the working area (local exhaust ventilation if necessary). Do not inhale gases/vapors/aerosols. Avoid

contact with skin and eyes. Wash hands before breaks and immediately after handling the product. Do not eat, drink, or smoke when working. Remove soiled or soaked clothing immediately.

STORAGE: Keep container tightly closed in a cool, well-ventilated place. Protect from frost.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PERMISSIBLE EXPOSURE LIMIT: None of the components has assigned exposure limits.
SIGNS AND SYMPTOMS OF EXPOSURE: Serious eye irritation. Irritation of the skin and the respiratory system.
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, eye, and inhalation
ENGINEERING CONTROLS: Use adequate exhaust ventilation at machinery.
RESPIRATORY PROTECTION: In case of formation of vapors/aerosols: Short term: filter apparatus, combination filter A-P2.
EYE PROTECTION: Avoid contact with eyes. Wear full-face shield or chemical safety goggles when handling. Do not wear contact lenses.
SKIN PROTECTION: Avoid contact with skin. USDA-accepted nitrile, neoprene, chloroprene, natural, or butyl rubber gloves are recommended. Wear appropriate clothing to prevent repeated or prolonged skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

COLOR AND PHYSICAL STATE: Light yellow liquid
ODOR: Mild ethoxylate odor
SPECIFIC GRAVITY (Water=1): Not Determined
VAPOR PRESSURE: Not Determined
VAPOR DENSITY (Air = 1): Not Determined
DENSITY: Approx. 1.01 g/cm³ (25°C) (DIN 51757)
% VOLATILITY (V/V): Not Determined
BOILING POINT: >392°F (200°C)
FLASH POINT: >284°F (140°C) (DIN EN 22719)
FREEZING POINT: <32°F (0°C)
MELTING POINT: Not Determined
SOLUBILITY (IN WATER): Soluble
pH: 6.0 - 8.0 (40 G/l, 25°C) in Water
DYNAMIC VISCOSITY: 40-90 mPa*second (25°C, DIN 53019)
OXIDIZING PROPERTIES: Not oxidizing
METAL CORROSION: Does not corrode metal

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 under normal conditions
CONDITIONS TO AVOID: Freezing
INCOMPATIBILITY: Unknown
REACTIVITY: No hazardous reactions with proper storage and handling.
HAZARDOUS DECOMPOSITION PRODUCTS: None with proper storage and handling
HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

ACUTE ORAL LD₅₀: 3200 mg/kg body weight (Rat)
ACUTE DERMAL LD₅₀: 1550 mg/kg body weight (Rabbit)

ACUTE INHALATION LC₅₀:	1.08 mg/L Dusts, mists, and fumes (Rat)
EYE IRRITATION:	Irritating. (Rabbit)
CARCINOGENIC POTENTIAL:	This product is not considered a carcinogen by OSHA, NTP, or IARC.
SKIN IRRITATION/SENSITIZATION:	Not irritating or a sensitizer
REPEATED DOSE TOXICITY:	No observed adverse effect level (Rat, oral: gavage, daily): 200 mg/kg
GERM CELL MUTAGENICITY- IN VIVO:	In vivo micronucleus test (US-EPA method) Intraperitoneal (Mouse): negative
REPRODUCTIVE TOXICITY:	No data available

12. ECOLOGICAL INFORMATION

TOXICOLOGY

ACUTE - AQUATIC TOXICITY

FISH

Oncorhynchus mykiss (Rainbow Trout): LC₅₀: 2.1 mg/L Exposure Time: 96 Hours

AQUATIC INVERTEBRATES

Daphnia magna (Water Flea): EC₅₀: 1.1 mg/L Exposure Time: 48 Hours

CHRONIC - AQUATIC TOXICITY

FISH:

No data available

AQUATIC INVERTEBRATES:

No data available

AQUATIC PLANTS TOXICITY

Scenedesmus subspicatus: EbC₅₀: 28.2 mg/L refer to biomass; Exposure Time: 72 Hours

Scenedesmus subspicatus: ErC₅₀: 152.2 mg/L growth rate; Exposure Time: 72 Hours

Lemna gibba G3 (gibbous duckweed): ErC₅₀: 19.1 mg/L; Exposure Time: 7 days

Lemna gibba G3 (gibbous duckweed): ErC₁₀: 28.2 mg/L; Exposure Time: 7 days

PERSISTENCE AND DEGRADABILITY:

No data available

BIOACCUMULATIVE POTENTIAL:

No data available

MOBILITY IN SOIL:

No data available

OTHER INFORMATION:

Do not allow entry into soil, waterways, or wastewater canals

13. DISPOSAL CONSIDERATIONS

Do not reuse container. If contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

Waste Disposal Methods: In accordance with local regulations, take to a special waste incineration plant.

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:

<u>NFPA</u>		<u>HMIS</u>	
2 Health	0 Reactivity	2 Health	0 Reactivity
1 Flammability		1 Flammability	C PPE

SARA Hazard Notification/Reporting

SARA Title III Hazard Category:

Immediate: Y Fire: N Sudden Release of Pressure: N
Delayed: N Reactive: N

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

None

SARA, Title III, Section 313:

Contains no chemical subject to SARA 313

SARA, Title III, Section 302:

EHS: None

TPQ: 10,000 lbs.

RCRA Waste Code:

Not listed

CA Proposition 65:

Not listed

16. OTHER INFORMATION

SDS STATUS: Updated
REASON FOR CHANGE: Updated Technical Information
PREPARED BY: Emma Simpson, Product Development Specialist - Chemist

Disclaimer and Limitation of Liability: This data sheet was developed from information on the constituent materials identified herein and does not relate to the use of such materials in combination with any other material or process. No warranty is expressed or implied with respect to the completeness or ongoing accuracy of the information contained in this data sheet, and Coastal AgroBusiness, Inc. disclaims all liability for reliance on such information. This data sheet is not a guarantee of safety. Users are responsible for ensuring that they have all current information necessary to safely use the product described by this data sheet for their specific purpose.

