

Safety Data Sheet

Syntact

SDS Number: 11792
SDS Prepared: 01/14/2004
SDS Version: 2.3
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1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Syntact

CHEMICAL NAME: Terpene polymer and silicone glycol copolymer blend

CHEMICAL FAMILY: Pinene and nonionic surfactants

SYNONYMS: Polymer of Beta-Pinene reacted with silicone glycol copolymer

COMMON NAME: Spreader-Sticker

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

Skin Irritant 2	H315
Eye Irritant 2A	H319
Aquatic Toxicity - Acute 3	H402
Aquatic Toxicity - Chronic 3	H412

LABEL ELEMENTS

GHS-US Labeling

Hazard Pictogram (GHS-US)



GHS07

SIGNAL WORD (GHS-US)

WARNING

HAZARD STATEMENTS (GHS-US)

H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H402 - Harmful to aquatic life.
H412 - Harmful to aquatic life with long-lasting effects.

PRECAUTIONARY STATEMENTS (GHS-US)

P102 - Keep out of reach of children.
P202 - Do not handle until all safety precautions have been read and understood.
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.
 P280 - Wear protective gloves, protective clothing, and eye protection.
 P273 - Avoid release to the environment.
 P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.
 P330 - Rinse mouth.
 P302+P352 - IF ON SKIN: Wash with plenty of water.
 P332+P313 - IF SKIN irritation occurs: Get medical advice/attention.
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+P313 - IF eye irritation persists: Get medical advice/attention.
 P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P308+P311 - If exposed or concerned: Call a POISON CENTER or doctor.
 P312 - Call a POISON CENTER or doctor if you feel unwell.
 P362 - Take off contaminated clothing.
 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>
Proprietary blend of terpene polymer and polyether modified polysiloxane	100%	Proprietary	NOL/NOL

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 a qualified operator is available. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

FLASH POINT (°F/Test Method):	>200°F (93.3°C) Flammability Class IIIB
FLAMMABLE LIMITS (LFL & UFL):	Not determined
EXTINGUISHING MEDIA:	Foam, dry chemical, CO ₂ , 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 the fire area of unprotected personnel. Cool fire-exposed containers with water. Attack from upwind.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Burning may produce toxic fumes of carbon monoxide, carbon dioxide, aliphatic aldehydes, carboxylic acids, and silicone oxides.

6. ACCIDENTAL RELEASE MEASURES

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 tacky. Avoid contact with skin or eyes. Wash thoroughly with soap and water after handling. Wash hands before breaks and at the end of work.
- STORAGE:** Keep container closed when not in use. This material will become viscous at low temperatures. Shake well before use. Keep from freezing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- PERMISSIBLE EXPOSURE LIMIT:** No established.
- SIGNS AND SYMPTOMS OF EXPOSURE:** Irritation of skin and eyes. Contact with eyes is painful and irritating. Prolonged skin and eye contact may cause moderate to severe irritation.
- 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) exhaust: 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 PVC-coated gloves are recommended. Wear appropriate clothing to prevent repeated or prolonged skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

- COLOR AND PHYSICAL STATE:** Clear to amber liquid
- ODOR:** Slight polyether odor
- SPECIFIC GRAVITY (Water=1):** 0.96
- VAPOR PRESSURE:** Not Determined
- VAPOR DENSITY (Air = 1):** Not Determined
- % VOLATILITY (V/V):** Not Determined
- BOILING POINT:** Not Determined
- MELTING POINT:** Not Determined
- SOLUBILITY:** Dispersible
- pH:** 6.0 - 7.0 (4% Aqueous solution)
- VISCOSITY @ 77°F (25°C):** ~68 cps

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 with proper handling and storage.
- HAZARDOUS POLYMERIZATION:** Will not occur.

11. TOXICOLOGICAL INFORMATION

- ACUTE ORAL LD₅₀:** None
- ACUTE DERMAL LD₅₀:** None
- INHALATION LC₅₀:** None
- EYE IRRITATION:** Moderate
- CARCINOGENIC POTENTIAL:** This product is not carcinogenic, teratogenic, or mutagenic 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.

SKIN IRRITATION/SENSITIZATION: Causes skin irritation.

12. ECOLOGICAL INFORMATION

No data available for the mixture as a whole.

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 the container and dispose of it 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:

<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: Not applicable

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: Not listed

CA Proposition 65: Not listed

16. OTHER INFORMATION

SDS STATUS: Updated

REASON FOR CHANGE: Updated GHS Statement

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