

## Safety Data Sheet

# Syntact

SDS Number: 11792  
 SDS Prepared: 01/14/2004  
 SDS Version: 2.0  
 Version Date: 10/03/2013

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

This product is a clear to amber liquid with a slight 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 Terpene Polymer And Polyether modified polysiloxane	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 MSDS and/or the product label. Drink 2 glasses of water or milk.

**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>	>200°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, Class BC, ABC Fire Extinguisher
<b>HAZARDOUS COMBUSTION PRODUCTS:</b>	None known
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	Self-contained positive pressure breathing apparatus should be worn in fighting fires involving chemicals. Clear fire area of unprotected personnel. Use alcohol-type or universal-type foams on larger fires. Cool fire exposed containers with water. Attack from upwind.
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b>	Burning may produce toxic fumes, carbon monoxide, carbon dioxide, aliphatic aldehydes, carboxylic acids and oxides of silicon.

## 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 tacky. Avoid prolonged or repeated contact with skin. Wash thoroughly with soap and water and after handling. Wash hands before breaks and at 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

<b>THRESHOLD LIMIT VALUE:</b>	Not established
<b>PERMISSIBLE EXPOSURE LIMIT:</b>	Not established
<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, skin and respiratory 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>	Local exhaust: Recommended when appropriate to control employee exposure. Mechanical (general): Not recommended as the sole means of controlling employee exposure.
<b>RESPIRATORY PROTECTION:</b>	None required with adequate ventilation.
<b>EYE PROTECTION:</b>	Avoid contact with eyes. Wear full face shield or chemical safety goggles when handling.
<b>SKIN PROTECTION:</b>	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

<b>APPEARANCE AND COLOR:</b>	Clear to amber liquid, slight polyether odor
<b>SPECIFIC GRAVITY: (Water=1):</b>	0.959 (+/- 0.05)
<b>VAPOR PRESSURE:</b>	Not determined
<b>VAPOR DENSITY (Air = 1):</b>	Not determined

<b>% VOLATILITY (V/V):</b>	Not determined
<b>BOILING POINT:</b>	Not determined
<b>MELTING POINT:</b>	Not determined
<b>SOLUBILITY:</b>	Dispersible
<b>pH:</b>	6-7 (4% aqueous solution)
<b>VISCOSITY:</b>	~68 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

<b>STABILITY:</b>	Stable
<b>CONDITIONS TO AVOID:</b>	None with proper handling and storage
<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>	3200 mg/kg
<b>EYE IRRITATION:</b>	Moderate
<b>INHALATION LC<sub>50</sub>:</b>	1.08 mg/l May irritate nasal passages. (Atomized)
<b>CARCINOGENETIC POTENTIAL:</b>	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.
<b>ACUTE DERMAL LD<sub>50</sub>:</b>	1500 mg/kg
<b>SKIN IRRITATION/SENSITIZATION:</b>	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

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

**SARA Hazard Notification/Reporting****SARA Title III Hazard Category:**Immediate: YFire: NDelayed: NReactive: NSudden Release of Pressure: N

Not applicable

**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:**

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*NonIonic Adjuvant*