



*NonIonic Adjuvant*

Coastal AgroBusiness, Inc.

PO Box 856

3702 Evans Street

Greenville NC 27835

(252)756-1126

Emergency Phone Numbers:

Chemtrec(24 hrs): 1-800-424-9300

Coastal(Weekdays): 1-800-758-3456

#### IDENTITY

Trade Name: Syntact

EPA Reg. No.: Not Applicable

Synonyms: Polymer of Beta-Pinene

reacted with Silicone Glycol Copolymer

Chemical Name: Terpene polymer and

Silicone Glycol Copolymer Blend

Common Name: Spreader-Sticker

Chemical Family: Pinene and nonionic

surfactants

Molecular Weight: Not Determined

#### INGREDIENT

Component	CAS NO.	WT%	PEL/TLV
Proprietary Terpene Polymer And Polyether modified polysiloxane	Proprietary	100	NOL/NOL

\*All ingredients in this product are listed in the T.S.C.A. Inventory. This product contains no listed hazardous ingredients.

#### PHYSICAL AND CHEMICAL CHARACTERISTICS

**Appearance and Odor:** Clear to amber liquid, slight polyether odor

**Boiling Point:** Not Determined

**Melting Point:** Not Determined

**Vapor Pressure:** Not Determined

**Vapor Density (Air=1):** NA

**% Volatility (V/V):** <3%

**Evaporation Rate:** < butyl acetate

**pH:** 6-7 (4% aqueous solution)

**Saturation in air (V/V):** Not Determined

**Specific Gravity (H<sub>2</sub>O=1):** .959(+/- 0.05)

**Solubility in Water:** Dispersible

**Viscosity:** ≈68 cps @ 25°C

#### FIRE AND EXPLOSION DATA

**Flash Point:** >200°F (100°C);

Flammability Class: IIIIB

**Flammable Limits in Air (V/V):**

LEL: Not Determined

UEL: Not Determined

**Auto-Ignition Temperature:** Not Determined

**Fire Extinguishing Media:** Foam, CO<sub>2</sub>, Dry Chemical, Class BC, ABC Fire Extinguisher

**Fire Control Tactics:** 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.

**Unusual Fire and Explosion Hazards:** Burning may produce toxic fumes, carbon monoxide, carbon dioxide, aliphatic aldehydes, carboxylic acids and oxides of silicon.

#### NFPA HAZARD RATING

**Health Hazard:** 1- Slightly Hazardous

**Fire Hazard:** 1-Slightly Combustible

**Reactivity:** 0-Stable

**Specific Hazard:** None

#### REACTIVITY DATA

**Stability:** Stable

**Conditions to Avoid:** None with proper handling and storage.

**Incompatibility (Materials to Avoid):** None with proper handling and storage.

**Reactivity:** Non-reactive.

**Hazardous Decomposition Products:** None Known

**Hazardous Polymerization:** Will not occur.

#### HEALTH HAZARD INFORMATION

**Threshold Limit Value:** NE

**Permissible Exposure Limit:** NE

**Warning Statements:** Avoid contact with eyes and skin. Harmful if swallowed. Do not take internally. Keep out of reach of children.

**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 Route of Exposure:** Dermal

#### Acute Toxicity Data:

**1. Oral Toxicity:**

LD<sub>50</sub> 3200 mg/kg

**2. Dermal Toxicity:**

LD<sub>50</sub> 1500 mg/kg

**3. Inhalation Toxicity: 1.08 mg/l**

May irritate nasal passages. (Atomized)

**4. Eye Irritation:** Moderate

**5. Skin Irritation/Sensitization:** Moderate (Prolonged Exposure)

**Chronic Toxicity Data:** 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.

#### Emergency and First Aid Procedures:

**1. If swallowed:** 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.

**2. If Inhaled:** Remove from area of exposure. If breathing has stopped, give artificial respiration, then oxygen if needed. Contact a physician.

**3. If in Eyes:** Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids apart to ensure flushing of the entire eye surface. Seek medical attention.

**4. If on Skin:** Remove contaminated clothing and wash with large amounts soap and water. If irritation develops, contact a physician.

#### SPECIAL PROTECTION INFORMATION

**Respiratory Protection:** None required with adequate ventilation.

**Eye Protection:** Avoid contact with eyes. Wear full face shield or chemical splash 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.

**Ventilation:** Mechanical (general).

**Other:** It is recommended that a safety shower and eye wash be available. Wear protective clothing to prevent repeated or prolonged contact.

#### SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

**Handling and Storage:** Keep container closed when not in use. 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. This material will become viscous at low temperatures.. Shake well before use. Keep from freezing.

**Steps To Be Taken In Case 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.

**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.

**SHIPPING DATA  
(PACKAGE AND BULK)**

**D.O.T. Proper Shipping Name:** Not Regulated

**D.O.T. Hazard Classification:**

**Primary:** Not Applicable

**Secondary:** Not Applicable

**D.O.T. Labels Required:** None

**D.O.T. Placards Required:** None

**Poison Constituent:** Not Applicable

**Hazardous Substance:** None

**Reportable Quantity (RQ):**

**Product:** Not Applicable

**Ingredient:** Not Applicable

**Bill of Landing Description:** Adhesive, Adjuvants, Spreaders or Stickers, NOS

**Transportation Emergency #:**

CHEMTREC: (800)424-9300

**ADDITIONAL REGULATORY  
INFORMATION**

**Sara Title III Data:**

**Section 311 and 312 Hazard Categories:**

**Immediate Health Hazard:** Y

**Delayed Health Hazard:** N

**Fire Hazard:** N

**Reactive Hazard:** N

**Sudden Pressure Release Hazard:** N

**Section 302:**

EHS: None; TPQ: 10,000 lbs.

**Section 313:** Glycol Ethers 3% (CAS Not Applicable)

**CERCLA Reportable Quantity:** Not Applicable

**National Response Center:**

(800)424-8802

CHEMTREC: (800)424-9300

The information and statements herein are believed to be reliable and are given in good faith but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.

**MSDS NO.:** 11792

**DATE PREPARED:** 01/14/04

**DATE REVISED:**

**APPROVED:** 