

Coastal AgroBusiness, Inc.



**Product Label**



*NonIonic Adjuvant*

**For Herbicides, Fungicides, Insecticides, and Plant Growth Regulators**

**ACTIVE INGREDIENT**

Proprietary Blend of Terpene Resins,  
Fatty Acids, and Polyalkylenoxide Modified  
Polymethylsiloxanes

100.0%

**TOTAL**

100.0%

This product contains Organo-Modified Siloxane Surfactant.  
All ingredients are exempt from tolerance as specified in 40 CFR 180.1001 ©.

**CAUTION**

*KEEP OUT OF REACH OF CHILDREN*

Read entire label for additional precautionary statements.



Manufactured By:  
**Coastal AgroBusiness, Inc**  
Greenville, North Carolina

## GENERAL INFORMATION

**Syntact** is a unique nonionic adjuvant that enhances the application and effectiveness of crop protection chemicals. Based on proprietary terpene polymer chemistry, **Syntact** produces superior wetting, sticking, and active absorption into plant, leaf and stem surfaces. The terpene base in **Syntact** increases cohesion of crop protection sprays to the target crop through formation of an expanded terpene-based film. The organosilicone in **Syntact** produces low surface tension of sprays allowing greater coverage of crop surfaces. The incorporated fatty acids aid in penetration and in uniform droplet size for more efficient spray coverage.

Subject to the limitations and cautionary use statements for this product, **Syntact**, may be used whenever the pesticide label calls for a nonionic adjuvant.

NOTE: Applications through irrigation systems are possible provided that use rates are maintained and all local, state, and federal regulations are followed. If the use of a nonionic adjuvant is not specifically recommended but is not prohibited, the user should have experience with the combination or must have conducted a phytotoxicity trial. Due to variations in materials, application equipment, waters and other conditions, the optimum use rate may vary. Sufficient **Syntact** should be added so that the spray uniformly wets the surface being treated and allows an even deposit of the active chemical without excessive runoff.

**ALWAYS READ THE PESTICIDE MANUFACTURER'S LABEL**

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS/ DOMESTIC ANIMALS

**WARNING/AVISO:** Causes eye irritation. Avoid contact with eyes, skin, or clothing. Harmful if swallowed. Harmful if inhaled. Avoid breathing spray mist. Remove contaminated clothing and wash clothing before reuse. Wash thoroughly with soap and water after handling.

## STATEMENT OF PRACTICAL TREATMENT

**IF INHALED:** Remove immediately to fresh air. Give artificial respiration if necessary. If breathing is difficult, get immediate medical attention.

**IF SWALLOWED:** Give large amounts of water and induce vomiting. Get immediate medical attention. Never induce vomiting or give anything by mouth to an unconscious person.

**IF IN EYES:** Flush eyes with copious amounts of clean water for at least 15 minutes. Get medical attention.

**IF ON SKIN:** Remove contaminated clothing and wash skin with soap and water. If irritation develops, get medical attention.

## STORAGE AND DISPOSAL

Store in a cool dry place. Do not store near heat or open flame. Store in original container only. If damaged or leaking, soak up with absorbent material and place in suitable container for disposal. Transfer remaining product to suitable container for storage and label.

Do not contaminate water, food, or feed by storage or disposal. Do not contaminate water by runoff from equipment wash waters or spray materials. Wastes resulting from this product may be disposed of on site or at an approved waste disposal facility. Container Disposal: Do not reuse empty container. Triple rinse (or equivalent) and add rinsate to spray tank, then offer for recycling, or puncture and dispose of in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

## AGRICULTURAL USE REQUIREMENTS

Consult pesticide manufacturer's label for worker protection recommendations. Eye protection is recommended when handling this material.

## DIRECTIONS FOR USE

If the pesticide label does not specifically recommend nor prohibit the use of a nonionic surfactant, **Syntact** may be used at the rates derived from the following chart:

SPRAY VOLUME PER ACRE (GPA)	OUNCES OF SYNTACT PER 100 GALLONS
10 gal or less (Ground)	16
10 to 50 gal (Ground)	4 to 16

**Note: When total spray volume is above 10 GPA: Use 2-3 ounces of Syntact per acre.  
Aerial Applications in 5 GPA or less: Use 3-6 ounces of Syntact per acre.**

## APPLICATION NOTES

**Syntact** may be used in application where a nonionic adjuvant is not specifically recommended but is not prohibited. In these situations, the applicator or advisor should have experience with the combination or must have conducted a phytotoxicity trial. General use rates on this label are based on pesticide labels which recommend a nonionic adjuvant. Rates of this product may be increased or decreased to achieve optimum results. Always read and follow the pesticide manufacturer's label.

## HERBICIDES

**Syntact** may be used in preemergence no-till, post emerge over-the-top and post-directed applications to enhance wetting, sticking, penetration and translocation of spray mixtures. Unless otherwise directed by manufacturer of herbicides labeled for post emergence use of products, follow the Rate Selection Chart above for application rates. **Syntact** is also recommended for use with non-selective herbicides. For optimum results, actual rates may vary depending on plant size, type of foliage to be covered and other environmental factors.

## FUNGICIDES AND INSECTICES

**Syntact** may be used to enhance the wetting, penetration and sticking characteristics of insecticides, fungicides, and acaricides on plant surfaces. **Syntact** is well suited for products that exhibit both curative/preventive and systematic activity. Follow the Rate Selection Chart above for application rates.

## DESICCANTS AND INSECTICIDES

**Syntact** is recommended for use with defoliant and herbicides used for desiccation/defoliation. This product may be used with defoliant to improve wetting, translocation, sticking and penetration. Use the upper rate limits on the Rate Selection Chart above when using this product with desiccants and defoliant.

## PLANT AND GROWTH REGULATORS

To increase efficiency in plant growth regulator applications, apply at a rate of 3-4 ounces per acre.

## MIXING

1. To prevent or minimize foaming, fill tank  $\frac{1}{2}$  full of water and add an antifoaming agent such as Foam Eater.
2. Add agrichemicals and/or fertilizers/micronutrients and agitate. Combinations of agrichemicals may require the use of a compatibility agent such as Co-Mix.
3. Add **Syntact** and mix 1 to 2 minutes with lower than normal agitation.
4. Continue filling tank maintaining minimal agitation.
5. Optimum results are obtained if spray mix is used within 36 hours of mixing.

## CLEAN UP

Rinse tank, lines and nozzles with water immediately after spraying. After rinsing, there may be a small amount of tacky residue in the tank. A film of **Syntact** on tank walls will aid in the prevention of rust and corrosion. It will not clog nozzles when sprayer is next used.

**NOTICE:** Seller warrants that this product conforms to its chemical description and is reasonable fit for the purpose stated on the label when used in accordance with the directions contained on this label under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends, to the use, storage or handling of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use. The risks include, but are not limited to damage to plants, crops, and animals to which the material is applied, failure to control pests, damage caused by drift to other plants or crops, and personal injury.