



CARBOLYTE™

SOIL ADJUVANT

CARBOLYTE™ is a soil adjuvant to provide a highly available food source for soil microbes and to lower the pH of the spray mixture. CARBOLYTE™ will increase microbial activity in the affected area.

CARBOLYTE™ is a fully water soluble material designed to improve foliar nutrient absorption. Carbolyte will be compatible with all recommended foliar plant nutrient programs. Carbolyte application should be guided by the foliar nutrient recommendations. Carbolyte can also be used in soil application where soluble carbohydrates are needed. Carbolyte is a good source of carbon for soil organisms. A jar test is recommended when Carbolyte is mixed with multiple nutrient materials

Benefits of Use

- Aids Foliar spray by helping to stick material to leaf surfaces
- A food source for soil microbes
- Easy to mix with fertilizer or other materials
- Can be injected in to fertigation or irrigation systems In general.
- Carbolyte is not a plant food material

CAUTION: MAY CAUSE EYE, SKIN, DIGESTIVE AND RESPIRATORY SYSTEM IRRITATION. Keep out of reach of children. In case of contact with eyes, immediately flush with water for at least 15 minutes. Wash skin with soap and water, and rinse thoroughly. If swallowed, DO NOT INDUCE VOMITING, dilute with two to four glasses of water or milk. Call a physician or poison control center immediately for further instructions. If inhaled, move to fresh air.

For U.S. Health Hazard Information, call:
1-863-673-3013.

Guaranteed Analysis

NON-PLANT FOOD INGREDIENTS

Sugar (TSAI)	25.0 %
Organic Acid Blend	1.5 %
Other Ingredients	73.5 %

Derived From
Corn Syrup

Container Sizes Available:

- 2.5 gallon jug (2 per case)
- 30 gallon drum
- 275 gallon mini bulk

Handling and Storage

Store between 40-95° F. Avoid direct heat or fire. Decomposition may occur at high temperatures (above 225° F.). Do not freeze!



A Division of Douglass Fertilizer & Chemical, Inc.
3281 Metro Parkway
Ft. Myers, FL 33916

RECOMMENDED USE AND USAGE RATES

Carbolyte use rate is 1/2 to 1 gallon per acre for foliar application and five to ten gallons per acre for soil applications. The mixture should be watered into the root zone immediately after the application is complete. Foliar plant nutrient label will guide application timing. Add Carbolyte to the spray carrier prior to adding other chemicals, foliar nutrients or soil materials.

A pre-mix “jar test” is recommended to check compatibility of product combinations that have not been previously tested. Shake well before using.

Weight per Gallon 11.2 lb/gallon

800-375-5274 • 239-332-1319 Fax
www.liquidag.com



MATERIAL SAFETY DATA SHEET

1. COMPANY IDENTIFICATION

Product: **CARBOLYTE™**

Manufacturer: Southeast Ag & Turf, Inc.
PO Box 121422 Clermont FL 34712

Phone: 863-673-3013 941-737-2719

2. HAZARDOUS INGREDIENTS

The ingredients in this product are not considered hazardous under OSHA Hazardous Communications Standard 29CFR 1910.1200 and are not subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (40 CFR Part 372).

3. HAZARDS IDENTIFICATION

Routes of Entry: Ingestion, skin, eyes.

Signs & Symptoms of Exposure: Possible eye or skin irritation.

4. FIRST AID MEASURES

Eyes: Flush with water for 10 to 15 minutes. Get medical attention if irritation develops or persists.

Skin: Wash with soap & water. Get medical attention if irritation develops or persists.

Ingestion: Dilute with water or milk and induce vomiting. Get immediate medical attention.

5. FIRE FIGHTING MEASURES

NFPA Rating: Health (1) slight; Flammability (0) minimal;
Reactivity (0) minimal.

Extinguishing Medium: This product is not flammable. Use media appropriate for surrounding materials.

6. ACCIDENTAL RELEASE MEASURES

If material is spilled: Absorb spill on inert carrier such as sand or kitty litter. Dispose according to local, state and/or federal regulations.

7. HANDLING & STORAGE

Handling: Avoid contact with eyes and skin

Storage: Store in a cool, dry area out of reach of children & animals.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Protective equipment: Not normally required although safety glasses and rubber gloves would be advisable.

9. PHYSICAL/CHEMICAL PROPERTIES

Weight per gallon: 11.2 lbs/gallon.

pH: 2 - 3

Solubility in water: Soluble

10. STABILITY/REACTIVITY

Stability: Stable under normal conditions of use. Do not allow to freeze.

Incompatibility:

Hazardous Decomposition Products: Oxides of carbon & nitrogen.

Hazardous Polymerization: No.

11. TOXICOLOGICAL INFORMATION

Ingredients not found on OSHA, NTP, or IARC lists of carcinogenic chemicals.

12. ECOLOGICAL INFORMATION

Keep out of any body of water.

13. DISPOSAL CONSIDERATIONS

Dispose according to USEPA guidelines as outlined in RCRA. Follow state and local regulations. Be certain container is completely empty before disposal

14. TRANSPORTATION INFORMATION

DOT Shipping Information: not regulated.

15. REGULATORY INFORMATION

SARA TITLE III; SEC.311/312 HAZARD CATEGORIES

Immediate (Acute) Health: No Reactivity: No

Sudden Release of Pressure: No Fire: No

Delayed (Chronic) Health: No

SEC. 302: NA SEC. 304: NA SEC. 313: NA

CERCLA: NA CAA: NA TSCA: NA

16. OTHER INFORMATION

Format complies with ANSI Z400.1 requirements.