



# ENCAPSALT®

Enhancing Nature's Science

## Product Characteristics

### Derived From:

Urea, Iron HEDTA, Manganese EDTA, Zinc EDTA  
Chelating agents are:  
Hydroxyethylethylenediaminetriacetate and  
Ethylenediaminetetraacetate.

### Physical Properties:

Form: Liquid  
Appearance: Hazy light brown, having a  
characteristic odor.  
Weight: 8.76 lb/gal, 1.00 kg/L  
pH: 6.0–7.0

### Additional Contents:

Micro Carbon Technology®\*

### Caution:

Keep out of reach of children.

Harmful if swallowed.

Do not eat, drink, or smoke when using this  
product.

### Storage and Disposal:

Keep product in original container. Do not transfer  
into food or drink containers. Triple rinse when  
empty for recycling. Always dispose of container  
in accordance with local, state, and/or federal  
regulations. Do not store this product below 50°F  
(10°C) or above 90°F (30°C).

### Conditions of Sale:

The information contained in this bulletin is  
believed to be accurate and reliable. Buyer and  
user acknowledge and assume all liability resulting  
from the use of this material. Follow directions  
carefully. Timing, method of application, weather,  
soil and water conditions, and other factors are  
beyond the control of the seller.

## Professional Solution for Buffering Salt & Building a Living Soil

PROBIOTIC SOLUTIONS® ENCAPSALT® is a soil activator combined with surfactants based in and delivered by Micro Carbon Technology® that help sequester and buffer salts in the soil. ENCAPSALT® is also used to break free the Na ion, allowing irrigations to move salts down into the soil profile. It aids with water penetration and resolves crusty, hard soils.

### Benefits of Use In Remediation:

- Buffers salts in highly alkaline or sodium-rich soils
- Helps to improve the soil environment for aerobic biological growth
- Stimulates biomass development in all soil types
- Aerates soils and flocculates clays
- Increases water penetration in soils

### Treats the Following Problems:

- Salt damage in soil
- Anaerobic soil conditions
- Low soil organic matter
- Poor water penetration

### Application Instructions:

SHAKE WELL BEFORE USING. Do not apply this product in concentrations greater than 10%. Applications can be made as often as every 15 to 20 days, as needed. Best results will be obtained when application is concentrated in the top 6 to 12 inches of soil. Apply directly to the soil, followed by shallow mixing. Application timing, intervals, and rates may vary according to individual remediation project requirements. Soil moisture is required for maximum bioactivity. If soil is dry, moisture should be provided by irrigation. See table below for specific rate instructions.

METHOD OF APPLICATION	SUGGESTED RATES and FREQUENCIES		
	Rate per 1,000 sq ft	Rate per Acre	Frequency
Drip or micro-sprinkler irrigation	Up to 2 ounces	Up to 2 quarts	Every 15–20 days
Broadcast spray incorporated	Up to 5 ounces	Up to 6 quarts	Every 15–20 days



\*This Product Contains Micro Carbon Technology®, a proprietary blend of very small organic molecules that allow for more effective absorption of nutrients by microorganisms.