



# Actuate<sup>™</sup> C<sup>2</sup>

**GUARANTEED ANALYSIS  
CONTAINS NON-PLANT FOOD INGREDIENTS**

**Soil Amending Ingredients:**

8%..... Organic Matter (derived from leonardite)  
1%..... Gluconic Acid (Microbe Food)

**Total Other Ingredients (inert as a non-plant food ingredient):**

91% ..... Aqueous Solution

**KEEP OUT OF REACH OF CHILDREN**



## WARNING

Warning. Causes eye irritation. Wash thoroughly after handling. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**DIRECTIONS FOR USE**

Actuate<sup>™</sup> can be applied to most vegetable and cucurbit crops, field and row crops, deciduous fruit and nut trees, grapes, berries, olives, avocados, and citrus when used as an additive with recommended fertilizers applied to those crops.

**SOIL APPLICATION RATES**

When using Actuate with any compatible fertilizer, the recommended application methods include pre-plant,

starter, side-dress, fertigation, top-dress and soil banding applications. Mixing with irrigation water for field storage is generally not recommended. Products blended with irrigation water should be used immediately and not stored for prolonged periods. It is recommended that an anti-foaming agent be used when mixing Actuate with approved fertilizers.

When using with CAN-17, calcium thiosulfate, calcium nitrate or CN-9, apply 1-3 gallons/acre of Actuate.

Per Acre rate: Actuate can be applied at 1-3 gallons/acre with fertilizer or water (in water, not to exceed 3% concentration)

Concentration rate: Actuate has been tested in ratio concentration fertilizer blends ranging from 1:9 to 1:20, not to exceed 3 gallons of Actuate per acre per application.

Always add the anti-foaming agent before adding Actuate.

Actuate should not be used alone in its concentrated form directly on crops or soil. To use without mixing with a recommended fertilizer, dilute Actuate with water at a rate of between 1 to 3 gallons of Actuate per acre, not to exceed a 3% concentration of Actuate in water.

**GENERAL INFORMATION**

Actuate<sup>™</sup> is a highly concentrated, proprietary extraction of organic matter derived from leonardite. It is specifically designed to add the benefits of organic matter and is compatible with certain liquid fertilizers: CAN-17, calcium thiosulfate, calcium nitrate, and CN-9. The benefits that Actuate provides for the soil include water holding capacity, high cation exchange capacity (CEC), and tilth.

**CAUTION:** Foliar application of Actuate close to harvest may leave a brown residue on the harvestable portion of the crop. Rainfall, sprinkler irrigation, or high humidity should alleviate this condition.

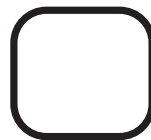
**WARRANTY:** Since weather, crops, soil, and other conditions may vary, the Seller does not make a warranty of any kind, expressed or implied, concerning the use of this product. The user assumes all risk of use and handling whether or not in accordance with directions or suggestions.

**KEEP OUT OF REACH OF CHILDREN. HARMFUL IF SWALLOWED. AVOID CONTACT WITH SKIN, EYES OR CLOTHING.** In case of contact immediately flush skin, eyes, or clothing with plenty of water for at least 15 minutes. Use caution when handling.

\*Not all products are compatible with one another or when mixed with other fertilizers and/or pesticides on the market. A small scale compatibility test is recommended prior to mixing.

Information regarding the contents and levels of metals in this product is available on the internet at: <http://www.regulatory-info-lpi.com>.

F1548



Density: 9.4 lbs. per gallon (1127 grams/liter) @ 68° F

**Net Contents: 265 gallons (1003.1 liters),  
2,491 lbs (1,130 kg)**

Product Code: xxxxxxxx

Actuate\_F1720

