

COR-CLEAR CALCIUM NUTRIENT

Product Data Sheet

General Description

Cor-Clear® calcium nutrient product is a high quality source of calcium chloride used primarily as a foliar calcium nutrient for apples, pears, cherries, and grapes. The calcium guarantee in Cor-Clear composition is 29%.

Applications

Cor-Clear calcium nutrient has many advantages when applied during the growing season, including:

- Promoting good shoot management and proper fertilization,
- Being 100% water soluble,
- Dissolving fast, and
- Being compatible with most pesticides and fungicides.

Grapes. Use up to 4 pounds of Cor-Clear calcium nutrient dissolved in 100 gallons of water.

Mushrooms. Use 1.25 pounds of Cor-Clear calcium nutrient in 100 gallons of water.

Apples. Use 2.5 pounds of Cor-Clear calcium nutrient dissolved in 100 gallons of water. Apply 200 to 400 gallons of solution per acre.

Cherries. Use 2 pounds of Cor-Clear calcium nutrient dissolved in 100 gallons of water.

D'Anjou Pears. Use 1.25 pounds of Cor-Clear calcium nutrient dissolved in 100 gallons of water.

Peaches. Use up to 4.0 lbs. of Cor-Clear calcium nutrient in 100 gallons of water.

Cor-Clear application may be used as a post harvest treatment to enhance calcium levels in fruits and prolong their storage life.

Warning. Do not combine with zinc or other heavy metals. Cor-Clear calcium nutrient is corrosive to aluminum, copper and brass spray equipment. Rinse spray equipment thoroughly after each use.

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Safety and Handling

Cor-Clear calcium nutrient when in solution is a strong salt solution. Wear appropriate protective, impervious clothing. Wear safety glasses with non-flexible side shields or chemical goggles for proper protection of the eyes. Wear appropriate protective non-leather protective gloves and boots. Chemical protective gloves and boots such as PVC or Nitrile are recommended. Leather products do not offer adequate protection and will dehydrate with resultant shrinkage and possible destruction. This product should be handled in areas with proper ventilation. Before using this product, refer to the SDS which is available on the Company's website for complete safety and handling guidelines.

PHYSICAL PROPERTIES	
Chemical Formula	CaCl ₂ · 2H ₂ O
Appearance	White flakes
Bulk Density	Approx. 50 lb/cubic foot

CHEMICAL PROPERTIES	
Calcium Chloride (CaCl₂)*	80 wt% minimum
Total Alkali Chlorides as NaCl**	6 % maximum
Total Magnesium Chloride (MgCl₂)**	0.5% maximum
*EDTA titration similar to ASTM E449-08	
**Based on CaCl ₂ concentration	

PARTICLE SIZE	
Screen Number:	Mass % Passing
3/8 (9.5 mm)	100
4 (4.75 mm)	80-100
30 (0.59 mm)	0-5

Availability

Cor-Clear calcium nutrient is labeled and registered for use in agriculture, is safe and easy to handle, and is packaged in 50 pound bags.