

# DIFFUSION-O



## Sunburn Protectant

### INGREDIENTS

% by Weight

60.0% ..... Calcium Carbonate

40.0% ..... Other Ingredients

**Contains 3.4 pounds calcium (Ca) per gallon.**

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapco.org/metals.htm>

### KEEP OUT OF REACH OF CHILDREN PRECAUTION

**Do not ingest. Avoid contact with skin, eyes or clothing.  
Avoid breathing dust, vapor or mist. Wear safety glasses and gloves.**

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment.

Store in a safe manner. Store in original container only and keep tightly sealed when not in use. Dispose of unused product and empty containers in accordance with Federal, State and local regulations.

### GENERAL INFORMATION

DIFFUSION-O™ is a flowable micronized dispersion of calcium carbonate. It is designed for foliar application and is recommended for use as a protectant against sunburn and heat stress. This product can be applied to all crops that are not calcium sensitive.

DIFFUSION-O forms a mineral-based particle film intended for protection of agricultural crops, plants in nurseries and greenhouses. When DIFFUSION-O is applied to plants, a dry, white film results.

### DIRECTIONS FOR USE

DIFFUSION-O may be used on many crops that are affected by heat stress, including but not limited to almonds, apples, apricots, avocados, cherries, citrus, figs, grapes, melons, nectarines, nursery stock, olives, onions, peaches, peanuts, pears, plums, potatoes, prunes, strawberries, sweet corn, tomatoes, walnuts, and watermelons.

DIFFUSION-O may be applied through most conventional spray equipment at recommended use rates.

#### Be Sure to Shake Well Before Use Do Not Allow to Freeze

For best results, apply 2-4 gallons of DIFFUSION-O per acre prior to heat event and repeat every 12 to 21 days as needed. Applications of DIFFUSION-O in the early morning or late evening will improve coverage on plant surfaces and product performance.

**Ground Applications:** Apply a minimum of 2 gallons of product per acre in sufficient water to obtain good coverage.

**Aerial Applications:** Use a minimum of 1 gallon of water for each pint of product applied per acre. Apply a minimum of 2 gallons of DIFFUSION-O per acre.

**Post-Harvest Removal:** DIFFUSION-O can generally be removed on a commercial packing line equipped with a water-filled dump tank and a brush section for agitation. A fresh water rinse is recommended during and after agitation and prior to treatment with any wash and/or fungicides. Use of rinse water with a pH of 5.5 or below improves residue removal.

### FIRST AID

In all cases, call a poison control center or doctor for further treatment advice.

**IF SWALLOWED,** call a poison control center or doctor immediately. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything to an unconscious person. **IF ON SKIN,** take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. **IF INHALED,** move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration. **IF IN EYES,** hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.

**For chemical spills, leaks, fire or exposure,  
call CHEMTREC: (800) 424-9300.**

Conditions of Sale and Limitation of Warranty and Liability:

Notice: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using the product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of the product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of many different factors including, without limitation, manner of use or application, weather, combination with other products, or crop conditions. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Manufacturer and Seller harmless from any claims relating to such factors.

**Seller warrants that this product conforms to the chemical description on the label. EXCEPT FOR THIS WARRANTY, THE PRODUCT IS FURNISHED "AS-IS," AND NEITHER SELLER NOR MANUFACTURER MAKES ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT TO THE SELECTION, PURCHASE OR USE OF THIS PRODUCT; SELLER AND MANUFACTURER SPECIFICALLY DISCLAIM ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Buyer and User accept all risks arising from any use of this product, including without limitation uses contrary to label instructions, under abnormal conditions, or under conditions not reasonably foreseeable to (or beyond the control of) Seller or Manufacturer.**

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Distributed By:  
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**WILBUR-ELLIS®**

**NET CONTENTS: 250 GALLONS (946.35 Liters)**  
**NET WEIGHT PER GALLON: 14.10 POUNDS (1.7 Kilograms/Liter)**