



DIFFUSION[®]

CONTAINS NON-PLANT FOOD INGREDIENT:

ACTIVE INGREDIENT:

60.0% Calcium Carbonate

40.0% INERT INGREDIENTS (Water and Stabilizers)

100.0% Total

GENERAL INFORMATION

DIFFUSION[®] is a flowable, micronized dispersion of calcium carbonate that forms a dry, white, mineral-based particle film on target crops. This film protects against sunburn and heat stress, improves chill accumulation hours, and reduces excessive heating of buds and stems on sunny winter days. It can be foliarly applied on all crops that are not calcium sensitive.

DIRECTIONS FOR USE

DIFFUSION 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, olives, onions, peaches, peanuts, pears, plums, potatoes, prunes, strawberries, sweet corn, tomatoes, walnuts, and watermelons. Do not use on crops where a visible white residue cannot be tolerated or washed off. Residue on smooth skin crops may be minimized at harvest if applications stop when fruit is approximately $\frac{1}{4}$ of its expected size. Residue may be minimized by making early-season applications only on field packed crops and on fresh market crops not intended to be washed.

Agitate contents before use and keep from freezing. Apply with an adequate amount of water that will provide complete coverage. Use of a nonionic wetting agent may improve spray coverage of certain hard-to-wet plants. Do not apply undiluted. The rate of application will depend on the crop and stage of growth. The maximum recommended rates are for mature, full-sized plants. Reduce the rate proportionately when spraying smaller plants.

As a preventative treatment, DIFFUSION must be applied prior to a forecasted heat event. Consult with your local Wilbur-Ellis representative to determine proper timing according to the crop's anticipated physiological response. For best results, apply 2-4 gallons per acre prior to heat event and repeat as needed. Applications in the early morning or late evening, and when plant leaf and crop surfaces are dry, will improve coverage and product performance. Application to wet foliage results in poor film formation and adhesion. Two or more applications are desirable for complete coverage.

GROUND APPLICATIONS: Apply a minimum of 2 gallons per acre.

AERIAL APPLICATIONS: Apply a minimum of 2 gallons per acre in at least 1 gallon of water for each pint of product applied per acre.

POST-HARVEST REMOVAL: This product can generally be removed on a commercial packing line equipped with a water-filled dump tank and a brush section for agitation. A freshwater 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.

COMPATIBILITY: DIFFUSION can be applied alone or with compatible agricultural chemicals. Proposed mixtures should be evaluated in a jar test before full scale use. Consult with your local Wilbur-Ellis representative for further information.

PRECAUTIONARY STATEMENTS

KEEP OUT OF REACH OF CHILDREN

Based on currently available data, this product is not classified as a GHS hazardous substance. However, observe good industrial hygiene practices. Wash hands after handling. Refer to the Safety Data Sheet if first aid instructions are needed.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Store in original container only and keep tightly sealed when not in use. Store away from incompatible materials. Dispose of contents/container in accordance with federal, state and local regulations.

Information regarding the contents and levels of metals in this product is available on the Internet at <https://www.aapfco.org/metals.html>

⚠ WARNING: Cancer and Reproductive Harm
www.P65Warnings.ca.gov

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:
WILBUR-ELLIS COMPANY LLC
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Yakima, WA 98903



WILBUR-ELLIS.

NET CONTENTS: 4 GALLONS (15.14 Liters)

WEIGHT PER GALLON: 13.55 POUNDS at 68°F

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