



Cascadia Shield O

NON-PLANT FOOD INGREDIENTS

ACTIVE INGREDIENT:

60.0% Calcium Carbonate
40.0% Inert Ingredients

PURPOSE STATEMENT: Cascadia Shield is a flowable micronized dispersion of calcium carbonate and is recommended for use as a protectant against sunburn, heat stress, and to reduce the excessive heating of buds and stems on sunny winter days, to improve chill accumulation.

PRECAUTION

KEEP OUT OF REACH OF CHILDREN

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

PRODUCT INFORMATION:

CASCADIA SHIELD-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; and to reduce the excessive heating of buds and stems on sunny winter days, to improve chill accumulation. This product can be applied to all crops that are not calcium sensitive. CASCADIA SHIELD-O forms a refraction layer to diffuse and soften the light, which is intended for the protection of agricultural crops, and of nursery and greenhouse plants. When CASCADIA SHIELD-O is applied to plants, an ultra-fine refractive coating with a white hue results.

DIRECTIONS FOR USE:

CASCADIA SHIELD-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, corn, tomatoes, walnuts, pomegranates, and watermelons.

CASCADIA SHIELD O may be applied through most conventional spray equipment at recommended use rates.

SHAKE WELL BEFORE USE
Do not Allow to Freeze
STORE ABOVE 35° F

For best results, apply 2-4 gallons of CASCADIA SHIELD-O per acre prior to heat event and repeat every 12 to 21 days, as needed; application in the early morning or late evening will improve coverage on plant surfaces and thus improve product performance. To protect buds and stems from excessive winter heating, apply only by ground 4-6 gallons of CASCADIA SHIELD-O per acre early to mid-winter when above freezing and dry weather is expected for 48 to 72 hours after application; repeat in 4 to 6 weeks as needed. Do not add surfactants to CASCADIA SHIELD-O for dormant applications.

GROUND APPLICATIONS: Apply product 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 CASCADIA SHIELD-O per acre.

POST-HARVEST REMOVAL: CASCADIA SHIELD-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 center or doctor for further treatment advice.

If in Eyes: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If on Skin: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes.

If Swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

If Inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-866-944-8565.

STORAGE and DISPOSAL

STORAGE: Store in a safe manner. Store in original container only and keep tightly sealed when not in use.

DISPOSAL: Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Dispose of unused product and empty containers in accordance with Federal, State and local regulations.

HANDLING: Avoid breathing fertilizer dust, vapor, or mist. Avoid prolonged or repeated skin contact. Avoid eye contact. Wash hands thoroughly after handling this product.

**For help with any spill, leak, fire or exposure involving this material, call day or night
CHEMTREC 1-800-424-9300.**

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

BEFORE BUYING OR USING THIS PRODUCT, read the Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability. By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of LOVELAND PRODUCTS, INC. or the seller is authorized to vary. LOVELAND PRODUCTS, INC. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, when the product is used in accordance with such Directions for Use under normal conditions of use. LOVELAND PRODUCTS, INC. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THE BUYER'S OR USER'S EXCLUSIVE REMEDY FOR ANY INJURY, LOSS, OR DAMAGE RESULTING FROM THE HANDLING OR USE OF THIS PRODUCT SHALL BE LIMITED TO ONE OF THE FOLLOWING, AT THE ELECTION OF LOVELAND PRODUCTS, INC. OR THE SELLER: DIRECT DAMAGES NOT EXCEEDING THE PURCHASE PRICE OF THE PRODUCT OR REPLACEMENT OF THE PRODUCT. LOVELAND PRODUCTS, INC. AND THE SELLER SHALL NOT BE LIABLE TO THE BUYER OR USER OF THIS PRODUCT FOR ANY CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES, OR DAMAGES IN THE NATURE OF A PENALTY.

Tests have not been carried out under all possible use conditions and Seller cannot and does not represent or warrant that the goods are compatible with all other chemicals or under all use conditions.

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

The use of Cascadia Shield O is covered by US Patents 9,185,848 B2 and 11,019,822 B2

GUARANTEED BY: LOVELAND PRODUCTS, INC.® P.O. BOX 1286 GREELEY, CO 80632-1286



Bulk Density: 13.55 lbs/gallon @ 68 °F
Net Contents: 30 gallons (113.56 liters)
Net Weight: 406.50 lbs (184.39 kg)
product code: xxxxxxxxxxxx



Bulk Density: 13.55 lbs/gallon @ 68 °F
Net Contents: 110 gallons (416.40 liters)
Net Weight: 1,490.50 lbs (676.80 kg)
product code: xxxxxxxxxxxx



Bulk Density: 13.55 lbs/gallon @ 68 °F
Net Contents: 220 gallons (832.79 liters)
Net Weight: 2,981 lbs (1,352.16 kg)
product code: xxxxxxxxxxxx



Bulk Density: 13.55 lbs/gallon @ 68 °F
Net Contents: 265 gallons (1,003.13 liters)
Net Weight: 3,590.75 lbs (1,628.74 kg)
product code: 1001085732