



**RainGard®** is applied as a protective film to decrease uptake of rain water through the fruit cuticle. Rain induced fruit cracking is a complex phenomenon and there are many factors associated with its occurrence. *RainGard* helps maintain cuticle integrity throughout the final stages of fruit growth, thus reducing cracking susceptibility.

**PRINCIPAL INGREDIENTS:** Contains no ingredients in quantities of 1% or greater in its formulation. Proprietary formula with food grade ingredients.

List No. 10399

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**KEEP OUT OF REACH OF CHILDREN**

This product is a mild irritant. Eye contact will cause minor irritation. Individuals sensitive to alkaline materials may develop dermatitis upon prolonged or repeated contact with product concentrate. Avoid breathing mist, vapours, or spray if residuals are present at or above the TLV, respiratory protection must be worn. Wear additional protective clothing as necessary to minimize contact with product.

**1.0**

<b>FIRST AID</b>	
<b>If in eyes</b>	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 eye. Get medical advice/attention.
<b>If on skin</b>	Take off contaminated clothing. Wash skin with plenty of soap and water. If skin still feels slippery, continue washing. If redness, burning, or irritation persists get medical advice/attention. Wash contaminated clothing before reuse.
<b>If swallowed</b>	Give large quantities of water. DO NOT induce vomiting. If vomiting occurs administer additional fluids. Contact a physician for further directions. Do not give anything by mouth to an unconscious person.
<b>If inhaled</b>	Move person to fresh air. If person is not breathing, call 911 or an ambulance and then give artificial respiration, preferably mouth-to-mouth, if possible.
<b>HOT LINE NUMBER</b>	
CALL 800-892-0099 (24 HOURS) FOR EMERGENCY INFORMATION	

**PRODUCT MAY SETTLE DURING EXTENDED STORAGE; AGITATE OR MIX THOROUGHLY BEFORE USE.**

**DO NOT STORE AT TEMPERATURES BELOW 45°F OR IN DIRECT SUNLIGHT.**

**2.0**

**GENERAL USE RECOMMENDATIONS**

**MIXING INSTRUCTIONS:**

1. Fill clean spray tank with half of the required water. Always use clean water.
2. With the agitator running, slowly add *RainGard* to the tank. Use 102 ounces of *RainGard* for each 100 gallons of water to obtain a 0.8% V/V final solution, or mix one 6.4 gallon pail of *RainGard* with 800 gallons of water.
3. Add the remaining water to reach the desired dilution.

**TANK MIXES:** *RainGard* is compatible with most commonly used agricultural products and can be tank mixed. However, **do not tank-mix with organosilicone surfactants.** Please contact your local Valent Agricultural Specialist for advice on mixing with specific products.

**CLEAN-UP:** Clean sprayer tank and nozzles immediately after use by adding clean water to the spray tank and spraying the water through the nozzles.

**USE INSTRUCTIONS FOR CHERRIES**

**APPLICATION GUIDELINES:** For maximum efficacy, all cherries must be covered with *RainGard*. To ensure better coverage, the ground speed of the sprayer should not exceed 2 miles per hour during spraying. Spray 100 - 200 gallons of *RainGard* mixture per acre via airblast or boom sprayer. Consider orchard characteristics of tree size and shape to determine the spray volume that provides the best coverage to the trees. Regardless of spray volume used, a 0.8% dilution rate of *RainGard* must be maintained. Air temperature during application should not exceed 85°F.

**TIMING:** For best results, apply *RainGard* in a 3 application program with the first application of *RainGard* 4 weeks before estimated harvest date. Reapply *RainGard* at 7-10 day intervals. Application timing can be slightly modified according to weather forecast in order to anticipate rain events. Single applications of *RainGard* (i.e. before a rain event), have been proven to be less effective in reducing rain cracking when compared to a standard 3 application program.

**USE INSTRUCTIONS FOR OTHER CROPS:** For use of *RainGard* on other crops contact your local Valent USA Agricultural Specialist.

*RainGard* and *Products That Work, From People Who Care* is a registered trademark of Valent U.S.A. LLC.

PRODUCT OF USA

Manufactured by PACE International LLC, Wapato, WA for Valent U.S.A. LLC.



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Information contained in this booklet is accurate at the time of printing. Since product testing is a continuous process, please read and follow the directions and precautionary statements.

Always check with your state to verify state registration status or call 800-6-VALENT (682-5368)

### 3.0 STORAGE AND HANDLING

**STORAGE:** Store in a cool, dry place between 45°F and 90°F, and away from direct sunlight. Keep out of reach of children and livestock.

**SPILLS:** Only trained personnel equipped with proper protective gear should be permitted in the area. Stop spill at source. Reclaim material if possible for reuse. Containerize contaminated material for disposal. After all visible traces have been removed, flush area thoroughly with water.

**PRODUCT & WASTE DISPOSAL:** Dispose of contents / container should be made in accordance with applicable regional, national and local laws and regulations.

### 4.0 WARRANTY AND DISCLAIMER STATEMENT

To the extent consistent with applicable law, seller makes no warranty, express or implied, of merchantability, fitness or otherwise concerning the use of this product other than as indicated on the label. To the extent consistent with applicable law, user assumes all risks of use, storage or handling not in strict accordance with accompanying directions.



For state registration and/or supplemental labels, please call or visit us online.

*Products That Work, From People Who Care*® | [valent.com](http://valent.com) | 800-6-VALENT (682-5368)

**Always read and follow label instructions.**

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