Shield-Brite®
PENBOTEC® 400 SC
POST-HARVEST

For postharvest use on pome and stone fruit crop groups

ACTIVE INGREDIENT:
Pyrimethanil: 4,6-dimethyl-N-phenyl-2-pyrimidinamine* .......................................................... 37.14%

OTHER INGREDIENTS: .................................................................................................................. 62.86%

TOTAL: ......................................................................................................................................... 100.00%

Contains 3.27 lbs. active ingredient per gallon (400 g/L)

EPA REG. NO. 43813-32-64864

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

If on skin
- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

If inhaled
- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
- Call a poison control center or doctor for further treatment advice.

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 a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

HOT LINE NUMBER: For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Telecommunications Network at 1-800-858-7378. For chemical emergency assistance (spill, leak, fire, or accident), call Chem Trec at 1-800 424-9300.

NET CONTENTS: 33.8 fl. oz. (1 liter)
SKU #: 10182
LOT #:

* Pyrimethanil manufactured by Bayer CropScience AG

Manufactured For:

Pace International
5661 Branch Road, Wapato, WA 98951
800.936.6750 www.paceint.com

PMP 1505/LU/DA215559/POME+STONE/PACE
PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Healthful if absorbed through skin, inhaled or swallowed. Avoid contact with skin, eyes, or clothing. Avoid breathing spray mist. Premature or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE)

Wear long-sleeved shirt and long pants, socks, shoes and chemical-resistant gloves (natural rubber, Selection Category A).

ENVIRONMENTAL HAZARDS

Do not apply directly to water, to areas where surface water is present or to intermittently flooded areas below the mean high water mark, Do not contaminate water by cleaning of equipment, or disposal of wastes.

Do not discharge effluent containing this product into lakes, streams, ponds, ditches, seepage or other systems in accordance with the requirements of a National Pollution Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Apply this product only as specified on this label.

STORAGE AND DISPOSAL

Do not contaminate water, field, or food by storage or disposal.

STORAGE: Store in original containers only. Keep container closed when not in use. Do not store near food, feed, or livestock. Do not store mechanical equipment in the vicinity of this product. Store in a cool, dry place, out of direct sunlight.

PESTICIDE DISPOSAL: Waste resulting from the use of this product must be disposed of or treated as at approved waste disposal facility.

CONTAINER HANDLING: Never dispose of containers. Do not reuse or refill this container. If a leak occurs, contain and report it to the owner. Replace leaky container if it is not capable of preventing leakage while transported. Make sure the container is clean before discarding. Do not leave leaky container near water or other areas where it may contaminate soil or waterways.

PRODUCT INFORMATION

Precautionary Statements

Hazard: Risk (for the control of docks (Ptilimnion amphiacanthum), Hydrocharis morsus-ranae, Phacelurus natans (P. natans) var. natans), and bulb's eye (Ranunculus bulbosus) and bull's eye (Ranunculus ficaria) and gray mold (Botrytis cinerea).

Use of Shield-Brite PENBRITE 40 SC should be integrated into an overall disease management program within each parking lot.

FUNGICIDE RESISTANCE MANAGEMENT

GROUP 9 FUNGICIDE

Shield-Brite PENBRITE 40 SC is an over-the-counter fungicide that does not affect crop resistance to fungi exhibiting benzimidazole fungicide resistance. Shield-Brite PENBRITE 40 SC interferes with the nutrition of enzymes necessary for infection by several pathogenic fungi, therefore, preventative applications can reduce the incidence of disease. For best results, the fungicide should be applied at the optimum time. Since resistance development cannot be predicted, use of preventative fungicide management strategies should be practiced. These may include rotating and/or tank mixing with products having different modes of action. Responsible fungicide management practices are necessary to ensure the long-term effectiveness for decay control.

MIXING INSTRUCTIONS

Fill tank with half the required amount of water or water base and add mechanical agitation, add the required amount of Shield-Brite PENBRITE 40 SC and then add the remaining volume of water or water base. Mechanical agitation after mixing and then allow the solution to stand overnight or for a prolonged period. For in-line injection systems, better distribution will be achieved by applying a larger volume of the premix solution per unit of area.

The physical compatibility of Shield-Brite PENBRITE 40 SC with all tank mix partners has not been fully investigated. This product cannot be mixed with any product containing a metal-potassium against such mixing. Follow the more restrictive mixing requirements of any tank mix partner. No label safe rates for the individual products may be exceeded. Follow the tank-mixing procedure with Shield-Brite PENBRITE 40 SC, conduct a jar test with the volumes and rates typically used for postemergence disease controls. Add proportionate amounts of the products to a small container of water or water base in the following order: Inertizable pesticides and water dispersible granules last, followed by liquid fertilizers, and emulsifiable concentrate last. After thorough mixing, set timer for at least 15 minutes. Secaucus, triazines, sulfonylureas or other pesticides that are incompatible with physical compatibility. Physical compatibility is indicated if the combination remains mixed or can be remixed readily. THE CROP SAFETY OF ALL POTENTIAL PRECIPITATE TANK MIXES WITH SHIELD-BRITE PENBRITE 40 SC INCLUDING ANY ASOIL-APPLICATIONS AND WASHES, MAY NOT BE TESTED ON ALL CROPS AND VARIETIES, BEFORE APPLYING ANY TANK MIXTURE, CONFIRM SAFETY TO THE TARGET CROP BEFORE USE.
## USE RATES:

**POME FRUITS:** Apples, Crabapples, Loquats, Mayhaw, Pear, Oriental Pear, Quince

<table>
<thead>
<tr>
<th>Treatment Method</th>
<th>Rate Fluid/100 gal</th>
<th>Treatment Time (min)</th>
<th>Concentration A.I. ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dip, wash, turn</td>
<td>15-20</td>
<td>1</td>
<td>500-1000</td>
</tr>
<tr>
<td>Drenchers</td>
<td>16-22</td>
<td>1</td>
<td>300-1000</td>
</tr>
<tr>
<td>Aerosol fog</td>
<td>32</td>
<td>1</td>
<td>1000</td>
</tr>
<tr>
<td>Wiehner spray</td>
<td>64</td>
<td>1</td>
<td>2000</td>
</tr>
</tbody>
</table>

**STONE FRUITS:** Apple, Cherry (sweet & tart), Nectarine, Peach, Plum (including Chickasaw, Damson, & Japanese), Prune (Sweet)

<table>
<thead>
<tr>
<th>Treatment Method</th>
<th>Rate Fluid/100 gal</th>
<th>Treatment Time (sec)</th>
<th>Concentration A.I. ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dip tanks</td>
<td>16 fl oz/100 gal</td>
<td>0.5-2 (2 sec)</td>
<td>500</td>
</tr>
<tr>
<td>High volume fog</td>
<td>18 fl oz/100 gal</td>
<td>0.5-2 (2 sec)</td>
<td>500</td>
</tr>
</tbody>
</table>

**STONE FRUITS EXCEPT CHERRIES:** Apple, Nectarine, Peach, Plum (including Chickasaw, Damson, & Japanese), Prunus and Prune (Sweet)

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<tr>
<th>Low volume fog mist</th>
<th>Rate Fluid/100 gal</th>
<th>Concentration A.I. ppm</th>
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<tbody>
<tr>
<td>30-4 fl oz per 40-120 gal</td>
<td>400 g A.i per 200,000 fr</td>
<td>4 x foliar (4 fl oz)</td>
</tr>
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</table>

Periodically measure the Sheld-Brite PENBOTEC 400 DC concentration of the spraying solutions from dippers, dippers and wash tanks to maintain the proper level of Sheld-Brite PENBOTEC 400 DC. Sheld-Brite PENBOTEC 400 DC. Aerosol applications must be applied prior to fruit reaching any wax applications.

**Restrictions:**
- For pome fruits, a maximum concentration of two application methods per application may be used.
- For stone fruits, do not use more than a single application.

## ACCEPTABLE TREATMENT SCENARIOS:

**TREATMENT SCENES:** Drip tanks, High volume fog application (in house or field).

<table>
<thead>
<tr>
<th>Treatment Scenario</th>
<th>Drip tanks</th>
<th>High volume fog application (in house)</th>
<th>Low volume fog mist application (except cherries)</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
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<tr>
<td>3</td>
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<td>1</td>
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**NOTICE OF WARRANTY:**

Janssen FWP, a Division of Janssen Pharmaceuticals Inc. warrants that this product conforms to the chemical description on the label thereon and is reasonably fit for purposes stated on said label only when used in accordance with the directions under normal use conditions, it is impossible to eliminate all risks and hazards associated with the use of this product. Crop injury, ineffectiveness, or other undesirable consequences may result because of such factors as weather conditions, presence of other materials, the manner of use or application of the product as specified on the label, all of which are beyond the control of Janssen FWP. To the extent permitted by law, Janssen FWP disclaims any liability for consequential, special or indirect damages resulting from the use, handling, application, storage or disposal of this product or far damages in the nature of penalties, and the buyer and user waive any right that they may have to such damages. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, JANSSEN FWP MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

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PENBOTECH® 400 SC
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525002-Booklet Shield-Brite Penbotec 400SC_1L.indd 6 22/05/15 13:19