ACTIVE CONSTITUENT:
940 g/kg POTASSIUM BICARBONATE

GROUP Y FUNGICIDE

For the control of powdery mildew in
Grapes and Roses.

NET CONTENTS (1.2 kg, 5 kg, 10 kg, 20 kg)

Organic Crop Protectants Pty Ltd
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**DIRECTIONS FOR USE**

**RESTRANTS**

DO NOT apply oil sprays within 10 days of applying chlorothalonil.

<table>
<thead>
<tr>
<th>Crop</th>
<th>Disease</th>
<th>Rate</th>
<th>Critical Comments</th>
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</thead>
<tbody>
<tr>
<td>Grapevines</td>
<td>Powdery Mildew (Oidium spp.)</td>
<td>400 g/100 L plus 200 mL Synertrol Horti-Oil</td>
<td>Begin application at first sign of disease. Repeat applications at intervals of 10 to 14 days as new growth or infection occurs, or if conditions favour disease. Apply to ensure complete and thorough coverage of foliage.</td>
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<tr>
<td>Roses</td>
<td>Powdery Mildew</td>
<td>300-400 g/100 L plus 200 mL Synertrol Horti-Oil or 3-4 kg plus 2 L Synertrol Horti-Oil per ha</td>
<td>Begin application at first sign of disease. Repeat applications at intervals of 10 days or more as new growth or infection occurs, or if conditions favour disease.</td>
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</table>

**NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.**

**WITHOLDING PERIOD (WHP): NOT REQUIRED WHEN USED AS DIRECTED.**

**GENERAL INSTRUCTIONS:**

**EcoCarb** is a contact fungicide containing activated potassium bicarbonate that requires direct contact with the fungus organism for control. **EcoCarb** disrupts the fungus cell, causing the cell walls to collapse. **EcoCarb** rapidly kills both powdery mildew spores and hyphae. Grape growers are advised to rotate EcoCarb with wettable sulfur sprays under conditions where canopy size and management practices limit spray coverage.

**Fungicide Resistance Warning**

For fungicide resistance management EcoCarb is a Group Y fungicide. Some naturally occurring individual fungi resistant to EcoCarb and other Group Y fungicides may exist through normal genetic variability in any fungal population. The resistant individuals can eventually dominate the fungi population if these fungicides are used repeatedly. These resistant fungi will not be controlled by EcoCarb or other Group Y fungicides, thus resulting in a reduction in efficacy and possible yield loss. Since the occurrence of resistant fungi is difficult to detect prior to use, Organic Crop Protectants Pty Ltd accepts no liability for any losses that may result from the failure of EcoCarb to control resistant fungi.

**MIXING**

Half fill spray tank and commence agitation. Slowly add required amount of EcoCarb. Top up with required quantity of water. Agitate well before commencing spray procedure. Other tank mix products should be added last. Do not allow mixtures to stand. Use within 24 hours of mixing.

**APPLICATION**

Apply by ground equipment only. Contact with the disease organism is essential for control, as such apply in sufficient water to ensure complete and thorough coverage of foliage and/or crop. Ensure plants are not suffering from any environmental stress.
such as moisture stress or heat stress when applying EcoCarb to control high levels of powdery mildew infection as water loss from the infection site can cause death of plant tissue.

COMPATIBILITY
Avoid mixing EcoCarb with organophosphorus-type pesticides (for example Group 1B Insecticides) or other chemicals that are susceptible to alkaline decomposition. EcoCarb is a highly alkaline material. Do not mix with acidifying materials. EcoCarb is compatible with most crop protection products and nutrients that are stable under alkaline conditions. Any preparation of mixtures is entirely at the risk of the user and neither manufacturer nor seller shall assume any responsibility in such cases. A preliminary test with small quantities is recommended prior to use. If tank mixes are to be used, observe all directions, precautions and limitations on all products to be mixed.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT: DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

PROTECTION OF BENEFICIAL INSECTS
DO NOT introduce predatory mites (*Phytoseiulus persimilis*) to a crop within 7 days of an oil application.

STORAGE AND DISPOSAL: Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Shake empty bag into spray tank. Do not dispose of undiluted chemicals on site. Puncture or shred and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

SAFETY DIRECTIONS: May irritate the eyes. Avoid contact with eyes. When opening the container and preparing spray, wear goggles. Wash hands after use. After each day’s use, wash goggles.
FIRST AID: If poisoning occurs, contact a doctor or Poisons Information Centre.
Phone Australia 131126.

MSDS: Additional information is listed in the Material Safety Data Sheet.

NOTE
Because Organic Crop Protectants Pty Ltd has no control over handling, storage or use of EcoCarb, the company makes no express or implied representations or warranty (other than non-excludable statutory warranties). This product is sold on the condition that the buyer and/or user assumes all risks of the handling, use of EcoCarb and results obtained from its use.

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APVMA Approval No. 58103/

Batch No.        DOM        Bar Code