

MAIN PANEL

**CAUTION****KEEP OUT OF REACH OF CHILDREN****READ SAFETY DIRECTIONS BEFORE OPENING OR USING*****Banol***®**TURF AND ORNAMENTAL SYSTEMIC FUNGICIDE****ACTIVE CONSTITUENT: 600 g/L PROPAMOCARB present as the mono-hydrochloride****GROUP 28 FUNGICIDE****1**

A systemic fungicide for the control of damping-off in ornamental plants, turf and eucalyptus forestry production nurseries caused by *Pythium* spp., as indicated in the DIRECTIONS FOR USE table.

IMPORTANT: READ THE ATTACHED BOOKLET BEFORE USE.

(label code)

REAR PANEL

## **BANOL TURF AND ORNAMENTAL SYSTEMIC FUNGICIDE**

Active Constituent: 600 g/L PROPAMOCARB present as the monohydrochloride

### **STORAGE AND DISPOSAL**

Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight.

Triple rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and deliver empty packaging to an approved waste management facility. DO NOT burn empty containers or product. DO NOT re-use empty containers for any other purpose.

### **SAFETY DIRECTIONS**

Will irritate the eyes and skin. Avoid contact with eyes and skin. Repeated exposure may cause allergic disorders. When opening container and preparing spray wear elbow length PVC gloves. Wash hands after use. After each day's use, wash gloves.

### **FIRST AID**

If poisoning occurs, contact a doctor or Poisons Information Centre (telephone 13 11 26).

### **SAFETY DATA SHEET**

Additional information is listed in the Safety Data Sheet which may be found at [www.au.envu.com](http://www.au.envu.com).

### **CONDITIONS OF SUPPLY**

#### **READ THESE CONDITIONS OF SUPPLY BEFORE BUYING AND USING. IF THESE CONDITIONS ARE UNACCEPTABLE RETURN AT ONCE UNOPENED.**

To the extent permitted by law 2022 Environmental Science AU Pty Ltd does not accept any liability or responsibility whatsoever for any loss, damage or injury whether direct, indirect or consequential howsoever arising in connection with these goods, including without limitation their storage, application, handling or use. 2022 Environmental Science AU Pty Ltd does not make any warranties (express or implied) with respect to fitness for purpose, merchantable quality or any other matter. To the extent only that 2022 Environmental Science AU Pty Ltd is prevented by law from contracting out of the Consumer Guarantees Act then these conditions apply subject to that Act. The Act shall not apply where these goods are acquired for business purposes.

**APVMA Approval No.: 62826/56056**

### **IMPORTANT: READ THE ATTACHED BOOKLET BEFORE USE.**

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**FOR SPECIALIST ADVICE IN AN EMERGENCY ONLY CALL +61 2 9037 2994 or 1800 862 115 toll free.** The toll free phone number is possibly accessible, but not guaranteed from payphones within Australia and is not accessible from outside of Australia.

BN:  
DOM:



FRONT PAGE OF BOOKLET

**CAUTION****KEEP OUT OF REACH OF CHILDREN****READ SAFETY DIRECTIONS BEFORE OPENING OR USING****BANOL TURF AND ORNAMENTAL SYSTEMIC FUNGICIDE**

Active Constituent: 600 g/L PROPAMOCARB present as the monohydrochloride

<b>GROUP</b>	<b>28</b>	<b>FUNGICIDE</b>
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A systemic fungicide for the control of damping-off of ornamental plants, turf and forestry nurseries caused by *Pythium* spp., as indicated in the DIRECTIONS FOR USE table.

**STORAGE AND DISPOSAL**

Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight.

Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on-site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture 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. DO NOT re-use empty container for any other purpose.

**SAFETY DIRECTIONS**

Will irritate the eyes and skin. Avoid contact with eyes and skin. Repeated exposure may cause allergic disorders. When opening container and preparing spray wear elbow length PVC gloves. Wash hands after use. After each day's use, wash gloves.

**FIRST AID**

If poisoning occurs, contact a doctor or Poisons Information Centre (telephone 13 11 26).

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BN:

DOM:



GHS

**May cause an allergic skin reaction.**

Avoid breathing mist or vapours. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves. IF ON SKIN: wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment: (see Safety Directions and First Aid on this label). Wash contaminated clothing before reuse.

**DIRECTIONS FOR USE**

Refer to LIST OF PLANT SPECIES for species on which this product may be used.

<b>SITUATION</b>	<b>RATE</b>	<b>CRITICAL COMMENTS</b>
Seed growing	1.5 mL in 1 L water	Apply 2 L of mixed solution per square metre by suitable means e.g. watering can, immediately after sowing and covering.
Pricking-off seedlings into boxes and pots	15 mL in 10 L water)	Apply 2 L of mixed solution per square metre by suitable means e.g. watering can and leave until soil mixture surface is dry enough to prick-off.
Treatment of cuttings		Dip cuttings in mixed solution prior to planting. Apply 2 L of mixed solution per square metre of soil immediately after setting of cuttings and at intervals of 3 weeks thereafter. A total of 3 to 4 applications during the growing season should be sufficient.
Pot plants		Dip young plants prior to potting out. Apply 100 mL of mixed solution per 100 to 110 mm pot; 150 mL per 120 to 130 mm pot and repeat at intervals of 3 weeks thereafter. A total number of 3 to 4 applications during the growing season should be sufficient.
Bulk soil treatment - preventive treatments	250 to 300 mL in 10 to 20 L water per cubic metre of soil.	Apply to bulk soil for use with pot plants.
Recreational turf	45 – 65 mL/100 m <sup>2</sup>	Apply in sufficient water to obtain coverage. Use the lower rate as a preventative treatment. Use the higher rate as a curative or as a preventative treatment during times of high infection pressure. Repeat at 3 – 4 week intervals.

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

**WITHHOLDING PERIOD - NOT REQUIRED WHEN USED AS DIRECTED.**

## BOOKLET (Cont)

**LIST OF PLANT SPECIES:**

Banol has been successfully used at the recommended dosages on the following plants:

Adiantum (pot plants)	<i>Grevillea</i> spp.
<i>Aechmea</i> spp.	Gynura
<i>Aeschynanthus</i> spp.	<i>Hedera helix</i> (ivy)
Ageratum (seed sowing)	Helichrysum (immortelle)
Alyssum	Impatiens
Anemone (see Ranunculus)	Iris
<i>Anthurium</i> spp.	Kalanchoe
Antirrhinum (snapdragon)	Leptospermum
Aphelandra dania (pot plants)	Lilium
Aralia	Lobelia (seed sowing)
Asparagus	Maranta
Aster (see Callistephus)	Matthiola(stock)(seed sowing)
Azalea	<i>Melaleuca</i> spp.
<i>Banksia</i> spp.	<i>Mesembryanthemum</i>
<i>Begonia</i> spp. (also seed sowing)	<i>Mikania appifolia</i>
<i>Boronia</i> spp.	<i>Monstera deliciosa</i>
Bromeliads	Nemesia
<i>Brunfelsia calysina</i>	Orchids (all common species)
Calceolaria (also see sowing)	<i>Oxalis hedysacharoides rubra</i>
Calendula	<i>Pachystachys</i> spp.
Callistemon	<i>Peperomia</i> spp.
Callistephus (summer aster) (seed sowing)	Petunia (seed sowing)
Carnation	Phalaenopsis
Chlorophytum	<i>Philodendron</i> spp.
<i>Chrysanthemum indicum</i> (also cuttings)	Phlox
<i>Chrysanthemum segetum</i> (seed sowing)	<i>Pilea</i> spp.
Cineraria (see Senecio)	Polypodium (pot plants)
Clerodendron	Polyscias (lace aralia)
Clematis	<i>Primula</i> spp.
<i>Codiaeum variegatum</i>	Ranunculus (anemone)
Coleus	Rosa (seed sowing)
Cyclamen	Saintpaulia
Delphinium	Scindapsus or
Dianthus	Rhaphidophora
Dieffenbachia	<i>Senecio cruentus</i>
<i>Dracaena</i> spp.	<i>Solanum capsicastrum</i>
<i>Erica gracilis</i>	Streptocarpus
<i>Eucalyptus</i> spp.	Strobilanthes
<i>Euphorbia pulcherrima</i> spp.	Syngonium
<i>Fatshedera lizei</i>	Tagetes (seed sowing)
<i>Fatsia japonica</i>	<i>Tristania</i> spp.
<i>Ficus</i> spp.	Tulipa (tulip)
<i>Fittonia verschaffeltii</i>	Verbena
Fuchsia	Viola tricolour (pansy) (also seed sowing)
<i>Gerbera jamesonii</i>	<i>Vriesea splendens</i>
Gloxinia	Zinnia (seed sowing)





## BOOKLET (Cont)

**GENERAL INSTRUCTIONS****Fungicide Resistance Warning**

<b>GROUP</b>	<b>28</b>	<b>FUNGICIDE</b>
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Banol is a member of the multi-site activity group of fungicides. For fungicide resistance management Banol is a Group **28** fungicide.

Some naturally occurring fungal populations resistant to Banol and other Group **28** 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 Banol and other Group **28** 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, 2022 Environmental Science AU Pty Ltd accepts no liability for any losses that may result from the failure of Banol to control resistant fungi.

**Mixing**

This product is completely soluble in water. Simply add the concentrate to the water and stir thoroughly when mixing. The mixture is stable and can be used the following day.

**Application Equipment**

The product can be applied using a watering can or injection equipment (e.g. Gewa) or any conventional high volume ground spraying equipment calibrated to low pressure pump output. Spray nozzles should be capable of delivering a coarse high volume spray at low pressure, 50 to 100 Kpa.

**Compatibility**

The product is compatible with most insecticides and fungicides. It is NOT compatible with foliar nutrients.

**PRECAUTION**

Banol is corrosive to metals and spray residues should be washed out of the spray vat and the spray system with clean water immediately after use.

**PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS**

Banol has displayed a wide range of safety to ornamental flowers, indoor plants and shrubs. However, if the compound is used repeatedly at short intervals or if it is employed at increased concentration rates, slight necrotic tipping of the cotyledons or of advanced leaves which have stopped growing, may occur.

**PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT**

DO NOT contaminate streams, rivers or waterways with product or used containers.

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