

100%



POISON
KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

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Infopest
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CAPTAN WG

FUNGICIDE

ACTIVE CONSTITUENT: 800g/kg CAPTAN

GROUP Y FUNGICIDE



For the control of certain diseases in a range of fruit crops, greenhouse crops, turf and ornamentals as specified in the directions for use table.

IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USING THIS PRODUCT.

Sipcam Pacific Australia Pty Ltd, Suite 11, 23-31 Gheringhap Street, Geelong Vic 3220

CONTENTS: 10KG
APVMA APPROVAL NO:
60035/10KG/1005





STORAGE AND DISPOSAL

Store in the closed, original container in a dry, cool, well ventilated area out of direct sunlight. Avoid preparation of excess spray, but if necessary, spray out excess mixed sprays or dispose of in a soil pit which does not drain into waterways or ponds. Degradation of excess material may be hastened by making solutions alkaline with lime or washing soda. 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 500mm 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

Harmful if inhaled or swallowed. Will damage eyes. Avoid contact with the eyes and skin. Do not inhale dust or spray mist. Repeated exposure may cause allergic disorders. When preparing the spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC gloves and goggles. If product on skin, immediately wash area with soap and water. If product or spray in eyes wash out immediately with water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves, goggles and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26.

MATERIAL SAFETY DATA SHEET

For further information, refer to the Material Safety Data Sheet (MSDS) which is available from the supplier or from our web site, www.sipcam.com.au

NOTICE TO BUYER

Sipcam Pacific Australia Pty Limited (Sipcam) shall not be liable for any loss, injury, damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence, use under abnormal conditions or otherwise in connection with the sale, supply, use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on Sipcam's skill or judgment in purchasing or using the product and every person dealing with this product does so at their own risk.

APVMA Approval No: 60035/1005

Batch No:

DOM:

UN NO. 3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS CAPTAN) MARINE POLLUTANT
IN TRANSPORT EMERGENCY DIAL 000 Police or Fire Brigade	FOR SPECIALIST ADVICE CONTACT 1800 033 111 (24 Hours) AUSTRALIA WIDE
PG III	HAZCHEM 2Z

SIPCAM PACIFIC AUSTRALIA PTY LTD Suite 11, 23-31 Gheringhap Street, Geelong Vic 3220

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THIS LEAFLET IS PART OF THE LABEL.

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Directions for use:
Tree and Vine Crops:

Rate		Critical Comments	
In the following table, all rates are given for dilute spraying. For concentrate spraying, refer to Mixing/ Application Section		For all uses in this table apply by dilute or concentrate spraying equipment. Apply the same total amount of product to the target crop whether applying this product by dilute or concentrate spraying methods.	
Crop	Disease	Rate/100L	WHP
Apples	Black Spot (<i>Venturia inaequalis</i>)	Dilute spraying 125g/100 L Concentrate spraying Refer to the Mixing/ Application section	7 days
	Pears		Black Spot (<i>Venturia pirina</i>)
Grapes	Black Spot (<i>Elsinoe ampelina</i>)	Apply at 50% bud-burst and repeat application 10-14 days later. Apply to point of run-off. Apply no more than five applications per season.	7 days
	Grey Mould (<i>Botrytis cinerea</i>)		Apply in a program of sprays applied at early flowering, 80-100% cap fall, pre-bunch closure, veraison and pre-harvest. Apply to point of run-off. Apply no more than five applications per season.
	Downy Mildew (<i>Plasmopara viticola</i>)		Apply from flowering onwards, at intervals of 10-14 days. Apply to point of run-off. Apply no more than five applications per season.
	Phomopsis Cane and Leaf Blight (<i>Phomopsis viticola</i>)		Commence application at early bud-burst and repeat at 7-14 day intervals until prior to flowering to maintain a cover of new grape foliage. Apply no more than five applications per season. Use the shorter application interval where there is rapid shoot growth and conditions are favourable for Phomopsis infection (wet weather). Adjust spray application equipment to obtain a thorough coverage of grape buds and shoots.
Stone Fruit (Except Apricots)	Blossom Blight and Brown Rot (<i>Sclerotinia laxa</i> , <i>S. fruticola</i>)	Apply at any of the following times as part of a spray program to control blossom blight and brown rot - pink bud, 10% blossom, full bloom, petal fall and shuck fall and pre-harvest sprays at 6, 3, and 1 week prior to harvest. Apply to point of run-off. Apply no more than five applications per season. Do not apply to apricots as damage to fruit and foliage may occur.	7 days

Directions for use:
Non Tree and Vine Crops:

Crop	Disease	Rate	WHP	Critical Comments
Strawberries	Grey Mould (<i>Botrytis cinerea</i>)	125g/100L	1 day	Apply every 10 days commencing at blossom stage. Apply to point of run-off. Apply no more than five applications per season.
	Gloeosporium fruit rot	200g/100L		
Turf	Phytophthora Fruit Rot (<i>Phytophthora nicotianae</i> var. <i>parasitica</i>)	100-150g in 25-50L water for each 100 m ² of turf	-	For preventative treatment from September to April, apply 5-6 weeks. Apply no more than five applications per season.
	Black Spot (Anthracnose) (<i>Coletotrichum acutatum</i>)			
Seedlings (Ornamentals & Tobacco)	Scorch (<i>Diplocarpon earlianum</i>)	125g/100L	-	Use 3L of solution per m ² of seedbed. Apply weekly-fortnightly when weather conditions favouring the disease persists, paying particular attention to bases of the seedlings. When treating tobacco seedbeds wait until seedlings are at least 5cm high.
	Leaf Blight (<i>Dendrophoma obscurans</i>)			
Roses	Black Spot (<i>Diplocarpon rosae</i>)	125g/100L	-	Apply to thoroughly wet both surfaces of foliage. Apply every 7-14 days. Use the shorter interval during showery weather. Apply no more than five applications per season.

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

THIS PRODUCT SHOULD NOT BE APPLIED BY AIRCRAFT.

WITHHOLDING PERIODS

STRAWBERRIES: DO NOT HARVEST FOR 1 DAY AFTER APPLICATION.

APPLES, PEARS, GRAPES, STONE FRUIT: DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION. DO NOT USE TREATED PRODUCE FOR STOCK FOOD WITHIN 7 DAYS OF TREATMENT.
FOR EXPORT CROPS: consult with your exporter for advice about any residue restrictions that may apply to the intended importing country.

General Instructions

Sipcam Captan WG Fungicide is a broad spectrum contact, protectant fungicide from the cyclic imide chemical group. Sipcam Captan WG Fungicide has no systemic activity so complete coverage of the target is essential for best results.

GROUP Y FUNGICIDE

FUNGICIDE RESISTANCE WARNING

For fungicide resistance management Sipcam Captan WG Fungicide is a Group Y fungicide. Some naturally occurring individual fungi resistant to the product and other Group Y fungicides may exist though normal genetic variability in any fungal population. The resistant individuals can eventually dominate the fungal population if these fungicides are used repeatedly. These resistant fungi will not be controlled by this product and 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, Sipcam Pacific Australia Pty Ltd accepts no liability for any losses that result from failure of this product to control resistant fungi.

Mixing

Partly fill the spray tank with water. Turn on the agitation and while continuing to fill the tank, add the required amount of Sipcam Captan WG Fungicide to the tank filling screen filter. Wash with filling hose to transfer the product into the tank. Maintain agitation throughout spraying. After a stoppage, thoroughly re-mix before recommencing spraying. Add any tank mixing partners just before tank filling is complete.

Application

Ground application - these rates are for high volume spraying to the point of run-off. For concentrate spraying, adjust rate accordingly. Use the highest recommended rate and/or the shortest spray interval when disease pressure is high. Ensure thorough coverage of all treated plants. DO NOT apply by aircraft.

Dilute Spraying:

- Use a sprayer designed to apply high volumes of water up to the point of run-off and matched to the crop being sprayed.
- Set up and operate the sprayer to achieve even coverage throughout the crop canopy. Apply sufficient water to cover the crop to point of run-off. Avoid excessive run-off.
- The required water volume may be determined by applying different test volumes, using different settings on the sprayer, from industry guidelines or expert advice.
- Add the amount of product specified in the Directions for Use table for each 100L of water. Spray to the point of run-off.
- The required dilute spray volume will change and the sprayer set up and operation may also need to be changed, as the crop grows.

Concentrate spraying:

- Use a sprayer designed and set up for concentrate spraying (that is a sprayer which applies water volumes less than those required to reach the point of run-off) and matched to the crop being sprayed.
- Set up and operate the sprayer to achieve even coverage throughout the crop canopy using your chosen water volume.
- Determine an appropriate dilute spray volume (see Dilute Spraying above) for the crop canopy. This is needed to calculate the concentrate mixing rate.
- The mixing rate for concentrate spraying can then be calculated in the following way:

EXAMPLE ONLY:

- Dilute spray volume as determined above: For example 1500L/ha
- Your chosen concentrate spray volume: For example 500L/ha
- The concentration factor in this example is: 3 X (ie 1500L ÷ 500L = 3)
- If the dilute label rate is 10mL/100L, then the concentrate rate becomes 3 x 10, that is 30mL/100L of concentrate spray.

- The chosen spray volume, amount of product per 100L of water, and the sprayer set up and operation may need to be changed as the crop grows.
- For further information on concentrate spraying, users are advised to consult the relevant industry guidelines, undertake appropriate competency training and follow industry Best Practices.

Compatibility and Crop Safety

Mixtures of Sipcam Captan WG Fungicide with commonly used wettable powders and suspension concentrate insecticides and fungicides should not cause any problems. Apart from the products listed below mixtures with emulsifiable concentrates are not recommended.

If tank mixes are to be used observe all directions, precautions and limitations on all products to be used. Caution should also be exercised when spraying any mixtures on varieties of fruit trees or vines where there are no previous experiences of mixtures with Sipcam Captan WG Fungicide.

Sipcam Captan WG Fungicide is compatible with any of the following products: Anvil, Bayfidan, Topaz, Penncap-M, Gusathion 200SC, with or without calcium nitrate, Bugmaster Flowable, Confidor, Hymal, Insegar, Kumulus, Lebaycid, Lorsban, Mavrik Aquaflo, Omite 300WG (apples only), Pirimor WG, Pyranica, Saboteur, Sanmite, Systhane.

A mixture of Sipcam Captan WG Fungicide with more than one of these products or with any other product may be ineffective or may cause serious damage. The use of such a mixture is not recommended without prior advice, and would therefore be entirely at the user's risk. If other mixtures or 3 way mixtures of any of these products are being considered consult your Sipcam dealer or representative for advice.

Mixtures of Sipcam Captan WG Fungicide with Chlorpyrifos 500EC or Nimrod may leave an oily residue in the inside of spray vats which may be difficult to remove.

Sipcam Captan WG Fungicide should not be combined with Bordeaux mixture, spray lime, lime sulphur or oils. Do not apply Sipcam Captan WG Fungicide in combination with or within 14 days before or after winter or summer spray oils. Combinations of Sipcam Captan WG Fungicide and sulphur should not be used on crops sensitive to sulphur.

Sipcam Captan WG Fungicide mixed with Folidol M500 may be phytotoxic to many varieties of apples and pears. If it is necessary to use both Sipcam Captan WG Fungicide and Folidol M500 in a spray programme, sprays of these products must be at least 7 days apart.

On pears tank mixtures of Sipcam Captan WG Fungicide plus Omite 300WG and Sipcam Captan WG Fungicide and Gusathion (without calcium nitrate) plus Omite 300WG have been found to be phytotoxic. Do not tank mix these products, for use on pears.

Caution should be taken when applying chemical mixtures to all crops. Varieties within crop groups may react differently therefore a small area should be tested prior to application to crop.

PRECAUTION

Re-entry periods

Do not allow entry to treated areas until spray has dried. When prior entry is necessary wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

Protection of Wildlife, Fish, Crustaceans and Environment

Dangerous to fish. DO NOT apply directly to water.

DO NOT apply under meteorological conditions or from spraying equipment which could be expected to cause drift onto water, or areas where surface water is present.

DO NOT contaminate surface water with the concentrated product, spray mix, rinsate, drainage water from glasshouses or the used container.

STORAGE AND DISPOSAL

Store in the closed, original container in a dry, cool, well ventilated area out of direct sunlight.

Avoid preparation of excess spray, but if necessary, spray out excess mixed sprays or dispose of in a soil pit which does not drain into waterways or ponds. Degradation of excess material may be hastened by making solutions alkaline with lime or washing soda.

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 500mm 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.

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