

POISON

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

Nufarm
PANOCTINE®

Liquid Fungicide

ACTIVE CONSTITUENT: 400 g/L GUAZATINE ACETATES

GROUP **X** FUNGICIDE

For the control of post-harvest diseases of Citrus, Tomatoes
and Rockmelons as specified in the Directions for Use table.

Contents: 5 Litres

Distributed by:
Nufarm Australia Limited
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Manufactured by:
Makteshim Chemical Works Ltd
Beer - Sheva Israel.



DIRECTIONS FOR USE: (Qld, NSW, Vic, SA, WA, and NT only)

Crop	Disease	Rate	Critical Comments
Citrus	Green Mould (<i>Penicillium digitatum</i>) Blue Mould (<i>Penicillium italicum</i>) Sour Rot (<i>Geotrichum candidum</i>)	1.3L/1000L water	Apply as a bulk dip within 24 hours of harvest. For packing line, flood fruit for 30 seconds within 24 hours of harvest. Re-charge dip with solution of 1.3L/1000L water.
Tomatoes	Grey Mould (<i>Botrytis cinerea</i>) Alternaria Rot (<i>Alternaria alternata</i>) Yeasty Rot (<i>Geotrichum candidum</i>) Transit Rot (<i>Rhizopus stolonifer</i>)	250mL PLUS 16mL Chemwet 1000 /100L water	For Non-Recirculating Spray Only: Post-harvest washing in chlorinated water (50ppm) is recommended. Before spraying with Panoctine the fruit should be cooled to below 35°C and dry. Spray fruit for 30 seconds as soon as possible and no later than 24 hours after harvest. Allow fruit to drain thoroughly and dry before packing. Note: The level of disease control may vary between tomato varieties. Panoctine is most effective on cv. Flora-Dade and Pirate.
Rockmelons	Fusarium Fruit Rot (<i>Fusarium</i> spp.) Sour Rot (<i>Geotrichum candidum</i>) Alternaria Fruit Rot (<i>Alternaria</i> spp.) Rhizopus soft rot (<i>Rhizopus stolonifer</i>) Pink mould rot (<i>Trichothecium roseum</i>)	130mL PLUS 100mL Carbend Fungicide PLUS 10mL Chemwet 1000/ 100L water	Dip fruit for 45 seconds within 24 hours of harvest.

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

WITHHOLDING PERIOD: NOT REQUIRED WHEN USED AS DIRECTED.

GENERAL INSTRUCTIONS

Note: As Panoctine is not registered in all countries overseas, please check with a Nufarm Australia Limited representative before treating produce destined for export.

FUNGICIDE RESISTANCE WARNING

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For fungicide resistance management Panoctine Liquid Fungicide is a Group X fungicide. Some naturally occurring individual fungi resistant to Panoctine Liquid Fungicide and other Group X 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 Panoctine Liquid Fungicide and other Group X 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, Nufarm Australia Limited accepts no liability for any losses that may result from the failure of Panoctine Liquid Fungicide to control resistant fungi.

The use of Panoctine as a post harvest dip is a subject to an AFRAC anti-resistance strategy:

1. For the last pre-harvest spray, use a fungicide with a different mode of action to the fungicide planned for use as a post-harvest dip.
2. Handle fruit carefully to minimise potential infection sites caused by injury.
3. Ensure diseased fruit is promptly removed from the field and packing house and destroyed.
4. Dip fruit promptly after harvest.
5. Do not store fruit in the packing house - move it through the packing house quickly.
6. Dispose of mouldy fungicide-treated fruit harvested - do not bring it into the packing house.
7. Resistant strains of fungi can develop within the packing house. Where alternatives are available, rotate to use as many different modes of action as possible.
8. Remove mouldy fruit from storage - isolate from other fruit.
9. Do not move fruit between packing houses - especially mouldy fruit.

Mixing

Add the required amount of product/s to the water in the dip tank, ensuring thorough mixing between addition of each product. Agitate the solution during the dipping process.

Important

Dip ingredients **MUST NOT** be mixed together in concentrated form. Add separately to the full volume of water in the dip tank. To restore the original volume in the dip tank, add the required water and then the appropriate amounts of Chemwet 1000 and Panoctine and carbendazim. To restore the original volume in the dip-tank, add the required volume of water and then the appropriate amounts of products. Dip should be replaced when dirt begins to accumulate. To ensure effective coating of the fruit, the temperature of the fruit and the dip solution must be the same.

Preparing Spray (Tomatoes only - non-recirculating spray)

Water should be at ambient temperature when applying the spray solution. Apply as a very fine spray using hollow cone nozzles. Apply sufficient spray to wet the entire surface of the fruit without causing significant run-off.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT.

Dangerous to fish. **DO NOT** contaminate streams, rivers or water ways with the chemical or used containers. **DO NOT** discharge waste liquid into streams.

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 or dip. **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 empty 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 products should **NOT** be burnt.

DIP DISPOSAL

Unused or spent dip should be disposed of carefully to avoid contamination of streams, rivers and waterways. Dispose of dip by pouring into a limed disposal pit set aside for this purpose and clearly marked. Alternatively, spray onto soil or grassed area where runoff to waterways or grazing by animals will not occur.

SAFETY DIRECTIONS

Product is harmful if swallowed or poisonous if inhaled. Will damage eyes. Avoid contact with eyes. When opening the container and preparing the spray or dip, wear face shield or goggles. If product in eyes,

wash it 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 face shield or goggles.

FIRST AID

If poisoning occurs, contact a Doctor or Poisons Information Centre. Phone Australia 13 11 26. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

MATERIAL SAFETY DATA SHEET (MSDS)

For further information refer to the Material Safety Data Sheet (MSDS).

CONDITIONS OF SALE

"Nufarm Australia Limited ('Nufarm') shall not be liable for any loss injury damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence 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 Nufarm's skill or judgment in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of Nufarm has any authority to add to or alter these conditions."

APVMA Approval No.:54002/5L/0705


In case of emergency: Phone 1800 033 498

Ask for shift supervisor. Toll free 24 hours. For Technical Enquiries call 1800 639 899.

Batch No.:

Date of Manufacture:

® Panoctine is a registered Trademark of Irvita Plant Protection N.V. Netherlands

<p>PESTICIDES, LIQUID, TOXIC (guazatine)</p>	
<p>UN No: 2902</p>	
<p>PACKAGING GROUP: II</p>	
<p>HAZCHEM: 2 X</p>	
<p>IN AN EMERGENCY DIAL: 000 POLICE OR FIRE BRIGADE</p>	<p>IN AN EMERGENCY, SPECIALIST ADVICE NUFARM AUSTRALIA LIMITED 1800 033 498</p>