

# CAUTION

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

*KENSO AGCARE*

# LAVOR 250 SC FUNGICIDE

ACTIVE CONSTITUENT: 250 g/L IPRDIONE  
SOLVENT: 332 g/L LIQUID HYDROCARBON

GROUP **2** FUNGICIDE

For control of certain fungal diseases in various crops as specified in Directions for Use.

Kenso Corporation (M) Sdn Bhd  
Level 1, 98 Commercial Road,  
Teneriffe QLD 4005  
Phone (07) 3216 1188  
[www.kenso.com.au](http://www.kenso.com.au)



IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USE

CONTENTS: 5 Litres APVMA Approval No.: 85945/ 114278

# KENSO AGCARE LAVOR 250 SC FUNGICIDE

## 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 deliver empty packaging for appropriate disposal to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulations. DO NOT burn empty containers or product.

## SAFETY DIRECTIONS

May irritate the eyes and skin. Avoid contact with eyes and skin. Avoid inhaling vapour. Wash hands after use.

## FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Telephone: Australia 13 11 26. If swallowed, do NOT induce vomiting.

## SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet, which can be obtained from [www.kenso.com.au](http://www.kenso.com.au).

## CONDITIONS OF SALE

Kenso Corporation (M) Sdn. Bhd. will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in

connection with the supply of these goods other than responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by Statutes applicable to the sale or supply of these goods. To the extent allowed by such Statutes the liability of Kenso Corporation (M) Sdn. Bhd. is limited to the replacement of the goods or (at the option of Kenso Corporation (M) Sdn. Bhd.) the refund of the price paid and where possible sufficient part of the goods to enable proper examination being returned to Kenso Corporation (M) Sdn. Bhd. within thirty days of delivery.

In a Transport Emergency  
Dial **000**  
Police or Fire Brigade



Additional statements required by Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia: **SUSPECTED OF CAUSING CANCER.**

**Precautionary:** Obtain special instruction before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. If exposed or concerned: Get medical advice/ attention. Store locked up.

Batch No.:

Date of Manufacture:

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*agscience*

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\* is not a registered trademarks of Kenso

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## DIRECTIONS FOR USE: Tree Crops/Vines:

RATE					CRITICAL COMMENTS
CROP	DISEASE	STATE	RATE	WHP	
In the following table, all rates are given for dilute spraying. For concentrate spraying, refer to the <b>Special Instructions for Tree Crops/Vines</b> section.					For all uses in this table: Apply by dilute or concentrate spraying equipment. <b>Apply the same total amount of product to the target crop whether applying this product by dilute or concentrate spraying methods.</b> Refer to the <b>Special Instructions for Tree Crops/Vines</b> section.
Almonds	Blossom blight, brown rot ( <i>Monilinia</i> spp., <i>Sclerotinia</i> spp.)	All states	100 mL / 100 L water	Nil	
Boysenberries	Grey mould ( <i>Botrytis cinerea</i> )	All states	200 mL / 100 L water	1 day (H)	Spray at 10% blossom and full bloom. For fruit protection, apply at 2 to 3 weeks pre-harvest.
Grapes				7 days (H)	Good crop hygiene will aid in the control of disease. <b>This use is subject to a fungicide resistance management strategy:</b> 1. If three or fewer bunch rot sprays are applied in a season use only one spray per season containing Lavor 250 SC (or other Group 2 Fungicides). If four or more bunch rot sprays are applied in a season use no more than two sprays containing Group 2 Fungicides, unless tank mixed with a registered multi-site (Group 33) fungicides. 2. Late season fungicide treatments should be applied before botrytis infection reaches unacceptably high levels in the vineyard. 3. DO NOT apply more than two consecutive sprays from the same fungicide group, including from the end of one season to the next.
Macadamias	Botrytis blight ( <i>Botrytis</i> spp.)	All states	100 mL /100 L water	Nil	Apply as a thorough cover spray to flower racemes when they open. A follow up spray may be needed one week later if wet conditions persist during flowering. Remove nuts under trees prior to spraying.
Mandarins (non-bearing)	Alternaria leaf spot (brown spot) ( <i>Alternaria alternata</i> )	Qld, WA, NT only	200 mL /100 L water		Apply to non-bearing trees of Murcott variety monthly from first flush in spring until flushing ceases in the autumn. Reduce intervals to fortnightly during periods of wet weather.
Passion-fruit	Alternata spot (brown spot) ( <i>Alternaria</i> spp., <i>Alternaria passiflorae</i> )	Qld, NSW, WA, NT only		7 days (H)	<b>This use is subject to a fungicide resistance management strategy:</b> 1. Maintain a protective cover with protectant fungicide such as Kencozeb 750. 2. Limit the use of Lavor 250 SC to strategic periods, i.e. before, during and after extended wet periods. 3. Always tank mix Lavor 250 SC with a protectant such as Kencozeb 750. 4. DO NOT apply more than four Lavor 250 SC (or other Group 2 Fungicides) sprays in a season.
Raspberries	Grey mould ( <i>Botrytis cinerea</i> )	All States	200 mL/ 100 L water	1 day (H)	Spray at 10% blossom and full bloom. For fruit protection, apply at 2 to 3 weeks pre-harvest.
<b>Stone Fruit:</b> Apricots, cherries, nectarines, peaches, plums	<b>Orchard Spraying</b> Blossom blight ( <i>Monilinia fructicola</i> , <i>Monilinia laxa</i> ) Brown rot ( <i>Monilinia fructicola</i> , <i>Monilinia laxa</i> )	Qld, NSW, Vic, Tas, SA, WA only	100 to 150 mL/ 100 L water	Nil	For control of blossom blight, spray at 10% blossom, full bloom and petal/shuck fall. For control of subsequent brown rot in fruit, spray at 3 weeks and 1-week pre-harvest. Use the higher rate under severe conditions of challenge, or for single applications of Lavor 250 SC in the spray program. <b>This use is subject to a fungicide resistance management strategy:</b> 1. DO NOT apply more than 2 consecutive sprays of Lavor 250 SC (or other Group 2 Fungicides). 2. A post-harvest treatment should also be counted as an application. 3. The last blossom blight spray and the first pre-harvest brown rot spray should be regarded as consecutive applications. 4. The spray program should be considered and the strategy applied on a whole-orchard basis.
Young-berries	Grey mould ( <i>Botrytis cinerea</i> )	All States	200 mL/ 100 L water	1 day (H)	Spray at 10% blossom and full bloom. For fruit protection, apply at 2 to 3 weeks pre-harvest.

## Berries: (See Tree Crops/Vines for boysenberries, raspberries and youngberries)

CROP	DISEASE	STATE	RATE	WHP	CRITICAL COMMENTS
Straw-berries	Grey mould ( <i>Botrytis cinerea</i> )	All States	2.0 L/ha where spray volume is less than 1000 L/ha <b>OR</b> 200 mL/100 L water where spray volume equals or exceeds 1000 L/ha	1 day (H)	<b>This use is subject to a fungicide resistance management strategy:</b> 1. Apply a program of protectant fungicides during flowering. If conditions favour disease development during this period use Lavor 250 SC. 2. DO NOT apply more than two successive sprays of Lavor 250 SC (or other Group 2 Fungicides).

## Vegetables:

CROP	DISEASE	STATE	RATE	WHP	CRITICAL COMMENTS
Celery	Sclerotinia rot (pink rot) ( <i>Sclerotinia sclerotiorum</i> )	All States	2.0 L/ha where spray volume is less than 1000 L/ha <b>OR</b> 200 mL/ 100 L water where spray volume equals or exceeds 1000 L/ha	1 day (H)	Commence spraying 1 to 2 weeks post-transplanting and then every 2 to 3 weeks. Use only five sprays.
Lettuces	Sclerotinia rot (drop) ( <i>Sclerotinia sclerotiorum</i> , <i>Sclerotinia minor</i> ) Grey mould ( <i>Botrytis</i> spp.)	Tas, WA only		7 days (H)	Spray should be directed to the stems at ground level and to the underside of lower leaves. <b>This use is subject to a fungicide resistance management strategy:</b> 1. Apply Lavor 250 SC as a seedling drench soon after emergence. 2. Apply a protectant fungicide as a high volume foliar spray before planting out, then Lavor 250 SC immediately after planting. 3. Maintain cover with protectant fungicide sprays at 7-10 day intervals. 4. If weather conditions favour Botrytis infection, tank mix the protectant with Lavor 250 SC. 5. Do not apply Lavor 250 SC (or other Group 2 Fungicides) more than four times per season, irrespective of the target disease.
Potatoes	Sclerotinia rot ( <i>Sclerotinia sclerotiorum</i> ) Target spot, (early blight) ( <i>Alternaria solani</i> ) Hypocotyl rot (black scurf) ( <i>Rhizoctonia solani</i> )	All States	1.0 to 2.0 L/ha where spray volume is less than 1000 L/ha <b>OR</b> 100 to 200 mL/100 L water where spray volume equals or exceeds 1000 L/ha  800 mL/ tonne seed material	Nil	Apply 2 sprays, once immediately before and once immediately after hilling-up. For most effective treatment, concentrate the spray at the base of the stems and surrounding soil surface, where the fungus is active. Use the higher rate where disease is severe. Ensure thorough coverage to the whole plant. Treatment is generally not required until after flowering. Use the higher rate where disease is severe. <b>This use is subject to a fungicide resistance management strategy:</b> 1. Limit the use of Lavor 250 SC to periods when conditions favour disease development. 2. DO NOT apply more than four Lavor 250 SC (or other Group 2 Fungicides) sprays in one season. 3. Apply no more than two consecutive sprays of a Group 2 Fungicide. Lavor 250 SC will protect emerging shoots from hypocotyl rot, improving overall germination. Lavor 250 SC may also reduce occurrence of black scurf on the harvested potatoes. Ensure good coverage of seed material and planting furrow. This can be achieved by applying Lavor 250 SC as a fine spray to the seed at the time of planting using spray equipment mounted on the planter, and nozzles located at three points on each planter row to ensure uniform coating of the seed. DO NOT plant into waterlogged soil. A minimum water volume of 80 L/tonne seed should be used.



CROP	DISEASE	STATE	RATE	WHP	CRITICAL COMMENTS
Tomatoes	Sclerotinia rot ( <i>Sclerotinia sclerotiorum</i> )	Qld, NSW, Tas, SA, WA only	2.0 L/ha where spray volume is less than 1000 L/ha <b>OR</b> 200 mL/100 L water where spray volume equals or exceeds 1000 L/ha	7 days (H)	Spray at 14-day intervals from transplanting and throughout the period of disease pressure.
	Grey mould ( <i>Botrytis cinerea</i> )	All States			Commence spraying 3 to 4 weeks after transplanting or at the onset of disease. Repeat treatment at 14-day intervals or when conditions favour spread of the disease, i.e. at trimming or deleafing. <b>This use is subject to an fungicide resistance management strategy:</b> <b>1.</b> Alternate or tank mix Lavor 250 SC with a protectant such as Castor 900 WG. Avoid applying two Lavor 250 SC (or other Group 2 Fungicides) sprays in succession, unless tank mixed with a protectant <b>2.</b> Do not apply more than four Lavor 250 SC (or other Group 2 Fungicides) sprays in a season.
	Target spot (early blight) ( <i>Alternaria solani</i> )	Qld, Tas, WA, NT only			Commence spraying 1 week post-transplanting. Use adequate water to give thorough coverage of the plants. Use high volume spray equipment. <b>This use is subject to a fungicide resistance management strategy:</b> <b>1.</b> Limit the use of Lavor 250 SC to periods when conditions favour disease development. <b>2.</b> DO NOT apply more than four Lavor 250 SC (or other Group 2 Fungicides) sprays in one season. Apply no more than two consecutive sprays of a Group 2 Fungicide.

#### Field Crops

CROP	DISEASE	STATE	RATE	WHP	CRITICAL COMMENTS
Canola	Sclerotinia ( <i>Sclerotinia sclerotiorum</i> )	All States	2.0 L/ha	6 weeks (H, G)	Apply at 20 to 50% flowering. Apply as a preventative spray before disease infection is anticipated. Good coverage is essential. <b>Aerial application:</b> Apply using a minimum water volume of 45 L/ha. <b>Ground application:</b> Apply using a minimum water volume of 100 L/ha.
Lucerne	Lucerne leaf spot ( <i>Stemphylium botryosum</i> )	Qld, WA only	500 mL to 1.0 L/ha where spray volume is less than 1000 L/ha <b>OR</b> 50 to 100 mL per 100 L water where spray volume equals or exceeds 1000 L/ha	7 days (G)	Spray every 10 to 14 days when cool, damp weather favours the disease. Use the higher rate under conditions of high disease pressure.
	Leptosphaerulina leaf spot ( <i>Leptosphaerulina trifolii</i> )				Apply in at least 300 L water/ha every 10 to 14 days when cool, damp weather favours the disease. Use the higher rate under conditions of high disease pressure.
Peanuts	Sclerotinia rot ( <i>Sclerotinia sclerotiorum</i> , <i>Sclerotinia minor</i> )		2.0 L/ha <b>OR</b> 440 mL/ 100 L water (spot application)	12 days (H)	Apply when disease first appears. Repeat if necessary. Use a high water volume to ensure good coverage of foliage and stem at ground level. Do not mix Lavor 250 SC with a foliar fungicide due to the different target positions on the plant.
Soybeans	Black leaf blight ( <i>Arkoala nigra</i> )	NSW, WA only	2.0 L/ 200 to 400 L water/ ha	7 weeks (H)	If disease is present on leaves apply an initial spray at early pod set (pods approximately 5 mm long). An additional spray 14 days later may be required if wet seasonal conditions prevail.

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

#### WITHHOLDING PERIODS:

Almonds, macadamias, mandarins, potatoes, stone fruit:	<b>NOT REQUIRED WHEN USED AS DIRECTED</b>
Boysenberries, celery, raspberries, strawberries, youngberries:	<b>DO NOT HARVEST FOR 1 DAY AFTER APPLICATION</b>
Grapes, lettuce, tomatoes and passionfruit:	<b>DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION</b>
Peanuts:	<b>DO NOT HARVEST FOR 12 DAYS AFTER APPLICATION</b>
Canola:	<b>DO NOT HARVEST FOR 6 WEEKS AFTER APPLICATION. DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 6 WEEKS AFTER APPLICATION</b>
Soybeans:	<b>DO NOT HARVEST FOR 7 WEEKS AFTER APPLICATION</b>
Lucerne:	<b>DO NOT GRAZE OR CUT FOR STOCK FOOD WITHIN 7 DAYS OF TREATMENT</b>

#### GENERAL INSTRUCTIONS

#### EXPORT OF TREATED PRODUCE

Growers should note that MRLs or import tolerances may not exist in all markets for produce treated with Lavor 250 SC. If you are growing produce for export, please check with Kenso Agcare Pty Ltd for the latest information on MRLs and import tolerances BEFORE using Lavor 250 SC.

### GROUP 2 FUNGICIDE

#### FUNGICIDE RESISTANCE WARNING

Kenso Agcare Lavor 250 SC Fungicide is a member of the dicarboximide group of fungicides. For fungicide resistance management the product is a Group 2 fungicide. Some naturally occurring individual fungi resistant to the product and other Group 2 fungicides may exist through 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 or other Group 2 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, Kenso Agcare Pty Ltd accepts no liability for any losses that may result from the failure of this product to control resistant fungi.

#### RESISTANCE MANAGEMENT

Resistant strains of fungi can develop to this and other fungicides. To reduce the possibility of this occurrence, and where alternatives are available, rotate to use products with as many different modes of action as possible. Where specific resistance management strategies are established these are detailed in the Critical Comments.

#### MIXING

**Note:** Lavor 250 SC may be unstable in conditions where the pH is 7 or higher. It is therefore essential to check the pH of the spray solution before adding Lavor 250 SC. A suitable registered buffering agent may have to be added to bring the pH down below 7.  
**Shake well before use.** Add half the required water volume to the spray tank or vat with the agitation mechanism operating. Add the required volume of this product and then add additional water to the volume required.

#### APPLICATION

Good disease control requires even, thorough coverage of the target area. Application should be made using appropriate spray equipment and sufficient water to provide adequate penetration and coverage. Equipment settings and water volume may need to vary, depending on the growth stage of the crop.

**High pressure, prolonged and vigorous agitation particularly in conjunction with a high concentration of Lavor 250 SC in the spray tank may reduce the suspension properties of Lavor 250 SC, resulting in a scum forming on the surface or sediment forming on the filters.** If the agitation system cannot be adjusted, or concentration reduced to overcome this problem it is recommended that another be used, where registered.

#### SPECIAL INSTRUCTIONS FOR TREE CROPS / VINES

##### Dilute Spraying

- Use a sprayer designed to apply high spray volumes, 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 spray solution to cover the crop to the point of run-off. Avoid excessive run-off.
- The required spray volume to achieve point of run off may be determined by applying different test volumes, using different settings on the sprayer, or from industry guidelines or other expert advice.
- Add the amount of product specified in the Directions for Use table for each 100 L of water. Spray to the point of run-off.
- The required dilute spray volume to achieve point of run off 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 spray 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 spray 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 1500 L/ha.
- Your chosen concentrate spray volume: For example 500 L/ha.
- The concentration factor in this example is: 3 X (i.e. 1500 L ÷ 500 L = 3).
- If the dilute label rate is 10 mL/100 L, then the concentrate rate becomes 3 x 10 that is 30 mL of product per 100 L water for concentrate spraying.

- The chosen spray volume, amount of product per 100 L 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 relevant industry guidelines, undertake appropriate competency training and follow industry Best Practices.

#### COMPATIBILITY

Lavor 250 SC is compatible with the following products: fosetyl-aluminium (see NOTE below), carbaryl, chlorfenvinphos, Kensban 500, Kencozeb 750, fenarimol, dicofol, Kocide\* (Warning: Do not mix Lavor 250 SC with Kocide for use on potatoes), thiodicarb, maldison, Kenso Agcare Methomyl 225, metalaxyl, methamidophos, Piri-Ken 500, propargite, triadimenol. When tank mixing products the order of mixing is determined by formulation type. As a guide the following mixing sequence is recommended:

- Wettable powders
- Suspension concentrates
- Water Dispersible Granules
- Suspo-emulsions (e.g. Lavor 250 SC)
- Soluble powders

With any mixture, thoroughly agitate immediately before applying. It is not recommended to mix this product with more than one of the above chemicals in the tank. The use of a surfactant or spray oil is not recommended with Lavor 250 SC as it may result in crop damage to sensitive plants. DO NOT mix with fertilisers. Mixtures with some fertilisers, e.g. urea, may cause foliar damage.

NOTE: \*Mixing Lavor 250 SC with fosetyl-aluminium may result in some settling out. As formulations of other manufacturers' products are beyond the control of Kenso Agcare Pty Ltd, all mixtures should be tested prior to mixing commercial quantities.

#### PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS AND ORGANISMS

DO NOT apply the product under weather conditions, or from spraying equipment, which could be expected to cause spray drift onto adjacent crops, croplands, pastures, livestock, natural or impounded lakes, dams or other waterways.

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

Toxic to aquatic organisms. DO NOT contaminate streams, rivers or waterways with the chemical or used containers.