



# CAUTION

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

### ACTIVE CONSTITUENT:

250 g/L IPRODIONE

### SOLVENT:

316 g/L LIQUID HYDROCARBONS

### CONTENTS:

5 L, 20 L, 60 L,  
110 L, 200L, 1000L

**SC** FORMULATION TYPE  
**Suspension Concentrate**



**GROUP 2 FUNGICIDE**

For the control of brown leaf spot and the suppression of hypocotyl rot, in the first four weeks after emergence, in lupins and for the control of hypocotyl rot in potatoes.

### SAFETY DIRECTIONS

Avoid contact with eyes and skin and avoid inhalation of vapour. Wear suitable protective clothing, gloves and goggles. If product on skin, immediately wash area with soap and water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.

### FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre (telephone 13 11 26). If swallowed, **DO NOT** induce vomiting. Give a glass of water.

### SAFETY DATA SHEET

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

## GENERAL INSTRUCTIONS

Lupins only: This product will reduce rhizobium inoculum levels on inoculated seed and should only be used on seed to be sown in ground where existing soil inoculum levels will provide adequate nodulation. Spray inoculation is not recommended.

This product should be used as part of an integrated disease management strategy, particularly in areas with high disease pressure. Where possible, the following disease management practices should be used in conjunction with Rovral® Liquid Seed Dressing:

- Stubble Retention
- Clean Seed Source
- Direct Drilling
- Correct Seeding Rate
- Correct Seeding Depth
- Avoid Late Sowing
- Correct Rotations

### FUNGICIDE RESISTANCE WARNING

**GROUP 2 FUNGICIDE**

Rovral® Liquid Seed Dressing 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, FMC Australasia Pty Ltd accepts no liability for any losses that may result from the failure of this product to control resistant fungi.

### MIXING

Shake the container well before using. Add the required volume of Rovral® Liquid Seed Dressing to the water whilst agitating.

### APPLICATION

Lupins only: Slowly add the mixture to the seed and mix thoroughly ensuring thorough coverage of the seed.

Potatoes only: Ensure good coverage of seed material and planting furrow. This can be achieved by applying Rovral® Liquid Seed Dressing 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.

A minimum water volume of 80 L/tonne should be used.

Further information can be obtained from a FMC Australasia

Pty Ltd representative.

### **PRECAUTIONS**

**DO NOT** use treated seed for animal (including poultry) or human consumption. **DO NOT** allow treated seed to contaminate grain/other seed intended for animal or human consumption. **DO NOT** feed treated seed, or otherwise expose, to wild or domestic birds.

Store treated seed away from feed, other grain or seeds. The containers or bags should be clearly marked to show that the contents have been treated with Rovral® Liquid Seed Dressing Fungicide. Bags which have held treated seed should not be used for any other purpose. Any seed not used for sowing should be destroyed.

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

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

### **STORAGE AND DISPOSAL**

Store in the closed, original container in a cool, well-ventilated area out of direct sunlight. Protect from frost. 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.

**Additional statements required by Globally Harmonised Systems for classification and labelling of chemicals (GHS) and Safe Work Australia:**

Combustible liquid. Suspected of causing cancer. **DO NOT** get in eyes, on skin, or on clothing. Avoid release to the environment. If SWALLOWED immediately call a POISON CENTRE or doctor. In case of fire, use carbon dioxide, dry chemical, foam. Alcohol resistant foam is the preferred firefighting medium but if it not available, normal foam can be used.

## DIRECTIONS FOR USE

CROPS	DISEASE	STATE	RATE	CRITICAL COMMENTS
Lupins	Brown leaf spot ( <i>Pleiochaeta setosa</i> ), rhizoctonia hypocotyl rot ( <i>Rhizoctonia solani</i> ) (suppression only)	WA only	<b>Pre-sowing Treatment</b> (Feb-May) 100-400 mL/100 kg seed  <b>Post-harvest Treatment</b> (Dec-Jan) 400 mL/100 kg seed	Mix with water and apply in a total volume of 600 mL mixture/100 kg seed using suitable seed dressing application equipment. Ensure thorough coverage of seed. Use in conjunction with other disease management practices. See <b>General Instructions</b> for details. Use high rate in areas likely to be exposed to high disease pressure. (e.g. Central and Eastern Wheat Belt areas with close rotations and a history of brown leaf spot or where other disease management practices are not followed). Application of Rovral® Liquid Seed Dressing will provide suppression of hypocotyl rot and can reduce pleiochaeta root rot in some situations.
	Brown leaf spot ( <i>Pleiochaeta setosa</i> )	NSW, Vic, SA only	100-500 mL /100 kg seed in 500 mL water	Apply using suitable seed dressing application equipment. Ensure thorough coverage of seed. Use high rate in areas likely to be exposed to high disease pressure. (e.g. areas with close rotations and a history of brown leaf spot or where other disease management practices are not followed). Application can reduce pleiochaeta root rot in some situations.
Potatoes	Hypocotyl rot (black scurf) ( <i>Rhizoctonia solani</i> )	All States	800 mL/tonne seed material	Rovral® Liquid Seed Dressing will protect emerging shoots from hypocotyl rot, improving overall germination. Rovral® Liquid Seed Dressing may also reduce occurrence of black scurf on the harvested potatoes. Ensure good coverage of seed material and planting furrow. <b>DO NOT</b> plant into waterlogged soil.

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

### WITHHOLDING PERIOD (HARVEST & GRAZING)

Lupins, potatoes: NOT REQUIRED WHEN USED AS DIRECTED.

### NOTICE TO BUYER

To the extent permitted by the Competition and Consumer Act (2010) or any relevant legislation of any State or Territory (the "Legislation") all conditions and warranties and statutory or other rights of action, whether arising in contract or tort or whether due to the negligence of FMC or Seller, which buyer or any other user may have against FMC or Seller are hereby excluded provided however that any rights of the buyer pursuant to non-excludable conditions or warranties of the Legislation are expressly preserved. FMC hereby gives notice to buyer and other users that to the extent permitted by the Legislation it will not accept responsibility for any indirect or consequential loss of whatsoever nature arising from the storage, handling or use of this product. Where permitted by the Legislation FMC's liability shall in all circumstances be limited to the replacement of the product, or a refund of the purchase price paid therefor.

The product must be used and applied strictly in accordance with the label instructions and other directions for use. It is impossible to eliminate all risks associated with the use of this product. Such risks may arise from factors such as weather conditions, soil factors, off target movement, unconventional technique, presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of FMC or the Seller. Buyer accepts these risks.

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**SPECIALIST ADVICE IN EMERGENCY ONLY 1800 033 111 ALL HOURS – AUSTRALIA WIDE**