

STORAGE AND DISPOSAL

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

All Pack Sizes unless otherwise stated

Triple-rinse containers before disposal. Add rinsings to spray tank. **DO NOT** dispose of undiluted chemical 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 500mm 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. **DO NOT** re-use empty container for any other purpose.

SAFETY DIRECTIONS

Poisonous if swallowed. Will irritate the eyes and skin. Avoid contact with eyes and skin. When opening the container, preparing the spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow-length chemical resistant gloves and face shield or goggles. When using the prepared spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing). Wash hands after use. After each day's use wash gloves and face shield or goggles and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre (*Phone Australia 13 11 26; New Zealand 0800 764 766*). If swallowed, do NOT induce vomiting. If skin contact occurs, remove contaminated clothing and wash skin thoroughly. If in eyes wash out immediately with water.

WARNING: NOT FOR THERAPEUTIC USE

Refer to attached Leaflet for additional GHS Hazard & Precautionary Statements

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet, which can be obtained from your supplier or Imtrade Australia Pty Ltd website at www.imtrade.com.au

CONDITIONS OF SALE

Imtrade Australia Pty Ltd warrants that this product conforms to the chemical description on the label. The use of Imtrade Vader 225 SL Insecticide being beyond the control of the manufacturer, Imtrade Australia Pty Ltd 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 Imtrade'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 Imtrade Australia Pty Ltd has any authority to add to or alter these conditions.

FORM
SL

CONTENTS
1L-100L

POISON

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

IMTRADE

VADER 225 SL

INSECTICIDE

ACTIVE CONSTITUENT: 225 g/L ACETAMIPRID
SOLVENTS: 515 g/L DIMETHYL SULFOXIDE
334 g/L N-METHYL-2-PYRROLIDONE

GROUP **4A** INSECTICIDE

For the control of Cotton Aphid and Green Mirids in Cotton and Green Peach Aphid in Potatoes as specified in the Directions for Use table

IMPORTANT: Read the attached Leaflet before use.

UN 3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (contains ACETAMIPRID)
In a Transport Emergency Dial 000 Police or Fire Brigade	
PG III	HAZCHEM +3Z

APVMA Approval No: 86725/116456V



Batch No.
DOM:

IMTRADE
CropScience

17 Ocean St, Kwinana Beach WA 6167
08 9419 0333 | www.imtrade.com.au

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



IMTRADE VADER 225 SL INSECTICIDE

ACTIVE CONSTITUENT: 225 g/L ACETAMIPRID
SOLVENT: 515 g/L DIMETHYL SULFOXIDE
334 g/L N-METHYL PYRROLIDONE

GROUP 4A INSECTICIDE

For the control of Cotton Aphid and Green Mirids
in Cotton and Green Peach Aphid in Potatoes
as specified in the Directions for Use table

**IMPORTANT: READ THIS LEAFLET THOROUGHLY
BEFORE OPENING OR USING THIS PRODUCT**

APVMA APPROVAL No: 86725/116456V

Imtrade Australia Pty Ltd
ABN 13 090 151 134
17 Ocean Street, Kwinana WA 6167
Tel: 1800 171 799 Fax: 1800 171 788
Web: www.imtrade.com.au

RESTRAINTS:

SPRAY DRIFT RESTRAINTS

Specific definitions for terms used in this section of the label can be found at www.apvma.gov.au/spraydrift

- **DO NOT** allow **bystanders** to come into contact with the spray cloud.
- **DO NOT** apply in a manner that may cause an unacceptable impact to **native vegetation, agricultural crops, landscaped gardens** and **aquaculture production**, or cause contamination of plant or livestock commodities, outside the application site from **spray drift**. The **buffer zones** in the relevant buffer zone tables below provide guidance but may not be sufficient in all situations. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.
- **DO NOT** apply unless **wind speed** is between 3 and 20 kilometres per hour at the **application site** during the time of application
- **DO NOT** apply if there are **hazardous surface temperature inversion** conditions present at the **application site** during the time of application. **Surface temperature inversion conditions** exist most evenings one to two hours before sunset and persist until one to two hours after sunrise.

BOOM SPRAYERS

- **DO NOT** apply by a boom sprayer unless the following requirements are met:
 - o Spray droplets are not smaller than a **MEDIUM** spray droplet size category.
 - o Minimum distances between the **application site** and downwind sensitive areas (see 'Mandatory buffer zones' section of the following table titled 'MANDATORY BUFFER ZONES') are observed.

Buffer zones for boom sprayers

Application rate	Mandatory downwind buffer zones
	Livestock areas
Up to maximum label rate	100 metres

AIRCRAFT

- **DO NOT** apply by aircraft unless the following requirements are met:
 - o Spray droplets not smaller than a **MEDIUM** spray droplet size category.
 - o For maximum release height above the target canopy of 3 metres or 25% of wingspan or 25% of rotor diameter, whichever is the greatest, minimum distances between the application site and downwind sensitive areas are observed (see 'Mandatory buffer zones' section of the following table titled 'Buffer zones for aircraft')

Buffer zones for aircraft

Application rate	Mandatory downwind buffer zones
	Livestock areas
Fixed wing	100 metres
Helicopter	100 metres

DIRECTIONS FOR USE:

CROP	PEST	STATE	RATE	CRITICAL COMMENTS
Cotton	Cotton Aphid (<i>Aphis gossypii</i>)	Qld, NSW, WA, NT only	50-100 mL/ha + 0.2% v/v organosilicone penetrant	Use the high rate under sustained heavy Aphid pressure. If repeat applications are required, alternate with products from a different insecticide group (refer to Cotton Aphid Resistance Management under General Instructions). DO NOT apply more than 2 sprays per crop per season.
	Green Mirid (<i>Creontiades dilutus</i>)		100 mL/ha + 0.2% v/v organosilicone penetrant	Target nymphs and/or adults when they reach the economic spray threshold. On above threshold AND increasing Green Mirid populations, suppression only may be observed.
Potatoes	Green Peach Aphid (<i>Myzus persicae</i>)	All States	200 mL/ha	Apply as a foliar spray when infestations reach a treatment (or economic) threshold. If repeat applications are required, alternate with products from a different insecticide group (refer to Green Peach Aphid Resistance Management under General Instructions). DO NOT apply more than 3 sprays per crop per season. It is recommended that Imtrade Vader 225 SL Insecticide be applied with a non-ionic wetter. Check manufacturer's directions for the appropriate use rate in horticultural crops.

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

WITHHOLDING PERIODS

HARVEST

COTTON: DO NOT HARVEST FOR 10 DAYS AFTER APPLICATION.

POTATOES: DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION.

GRAZING

COTTON: DO NOT GRAZE OR CUT FOR STOCK FOOD.

POTATOES: DO NOT GRAZE OR CUT FOR STOCK FOOD.

GENERAL INSTRUCTIONS

MIXING

1. Shake container prior to opening.
2. Two-thirds fill the spray tank with clean water, and with the agitator operating, add the remaining quantity of Imtrade Vader 225 SL Insecticide.
3. Top up the spray tank to the required volume with clean water with the agitator running.
4. Add the required quantity of an organosilicone penetrant after mixing is complete and spray tank is filled to the required level.
5. Maintain agitation while spraying.

APPLICATION

Cotton

Ground Application: Ensure thorough coverage of foliage. This will require a water volume of at least 50L/ha.

Aerial Application: Ensure thorough coverage of foliage. This will require a water volume of at least 20-30L/ha.

Potatoes

Apply by ground or aerial application methods in sufficient water to ensure thorough coverage of infested foliage.

COMPATABILITY

Imtrade Vader 225 SL Insecticide is compatible with mepiquat chloride, thidiazuron (\pm diuron).

INSECTICIDE RESISTANCE WARNING

GROUP 4A INSECTICIDE

For insecticide resistance management Imtrade Vader 225 SL Insecticide is a Group **4A** Insecticide. Some naturally occurring insect biotypes resistant to Imtrade Vader 225 SL Insecticide and other Group **4A** Insecticide may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if Imtrade Vader 225 SL Insecticide or other Group **4A** Insecticide are used repeatedly. The effectiveness of Imtrade Vader 225 SL Insecticide on resistant individuals could be significantly reduced.

Since occurrence of resistant individuals is difficult to detect prior to use, Imtrade Australia Pty Ltd accepts no liability for any losses that may result from the failure of Imtrade Vader 225 SL Insecticide to control resistant insects. Imtrade Vader 225 SL Insecticide may be subject to specific resistance strategies. For further information contact your local supplier, Imtrade Australia Pty Ltd representative or local agricultural department of agriculture agronomist.

Cotton Aphid Resistance Management

If repeat applications are required, alternate Imtrade Vader 225 SL Insecticide with a registered insecticide from a different chemical group. **DO NOT** apply consecutive applications of Group 4A Insecticides.

Green Peach Aphid Resistance Management

If repeat applications are required, alternate Imtrade Vader 225 SL Insecticide with a registered insecticide from a different chemical group. **DO NOT** apply consecutive applications of Group 4A Insecticides in any season, or between seasons.

RE-ENTRY PERIOD

DO NOT allow re-entry into treated areas until the spray deposits have dried. When prior entry is necessary, wear cotton overalls buttoned to the neck and wrists (or equivalent clothing) and chemical resistant gloves. Clothing should be laundered each day.

PRECAUTIONS

DO NOT use human flaggers/markers unless they are protected by engineering controls such as vehicles with enclosed cabs.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT apply under weather conditions, or from spraying equipment, that may cause drift onto nearby susceptible plants/crops, cropping lands or pastures.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or watercourses with the chemical or used container.

STORAGE AND DISPOSAL

The method of disposal of the container depends on the container type. Read the Storage and Disposal instructions on the label that is attached to the container.

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

All Pack Sizes unless otherwise stated

Triple-rinse containers before disposal. Add rinsings to spray tank. **DO NOT** dispose of undiluted chemical 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 500mm 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. **DO NOT** re-use empty container for any other purpose.

SAFETY DIRECTIONS

Poisonous if swallowed. Will irritate the eyes and skin. Avoid contact with eyes and skin. When opening the container, preparing the spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow-length chemical resistant gloves and face shield or goggles. When using the prepared spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing). Wash hands after use. After each day's use wash gloves and face shield or goggles and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre (*Phone Australia 13 11 26; New Zealand 0800 764 766*). If swallowed, do NOT induce vomiting. If skin contact occurs, remove contaminated clothing and wash skin thoroughly. If in eyes wash out immediately with water.

WARNING: NOT FOR THERAPEUTIC USE

Additional GHS Hazard & Precautionary Statements

•Combustible liquid; •Causes skin irritation; •Causes serious eye irritation; •May cause respiratory irritation; •May damage the unborn child; •Keep away from heat, sparks, open flames and hot surfaces – No smoking; •Avoid breathing fumes; •**DO NOT** get on clothing; •Use only outdoors or in a well-ventilated area; •Call a POISON CENTRE or doctor if you feel unwell; •If skin irritation occurs: Get medical advice; •If eye irritation persists: Get medical advice; •In case of fire, use carbon dioxide, dry chemical, foam to extinguish; •Store locked up; •Store in a dry place.

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet, which can be obtained from your supplier or Imtrade Australia Pty Ltd website at www.imtrade.com.au

CONDITIONS OF SALE

Imtrade Australia Pty Ltd warrants that this product conforms to the chemical description on the label. The use of Imtrade Vader 225 SL Insecticide being beyond the control of the manufacturer, Imtrade Australia Pty Ltd 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 Imtrade'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 Imtrade Australia Pty Ltd has any authority to add to or alter these conditions.

UN 3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (contains ACETAMIPRID)
IN A TRANSPORT EMERGENCY DIAL 000 POLICE OR FIRE BRIGADE	
PG III	HAZCHEM *3Z



APVMA Approval No: 86725/116456V