

STORAGE AND DISPOSAL (20L, 200L only)

Store in the closed, original container in a dry, well-ventilated area, as cool as possible out of direct sunlight. Store in a locked room or place away from children, animals, food, feedstuffs, seed and fertilizers. 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 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. Empty containers and product should not be burnt. **DO NOT** re-use empty container for any other purpose.

Envirodrum - Micro Matic Valve (110L only)

Store the original sealed Envirodrum in a cool, well ventilated area. **DO NOT** store for prolonged periods in direct sunlight. **DO NOT** tamper with the Micro Matic valve or the security seal. **DO NOT** contaminate the Envirodrum with water or any other foreign matter. After each use of the product please ensure that the Micro Matic coupler, delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly.

Refillable Containers (1000L only)

Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

RE-ENTRY PERIOD

DO NOT allow entry into treated areas until spray deposits have dried. When prior entry is necessary, wear cotton overalls buttoned to the neck and wrist and elbow-length PVC gloves. Clothing must be laundered after each day's use.

SAFETY DIRECTIONS

Product is poisonous if swallowed. Facial skin contact may cause temporary facial numbness. Will damage eyes and will irritate the skin. Avoid contact with eyes and skin. Avoid inhaling vapour or spray mist. When preparing spray, wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow-length PVC gloves and face shield. If product on skin, immediately wash area with soap and water. If product in eyes, wash it out immediately with water. Wash hands after use. After each day's use, wash gloves and face shield and contaminated clothing.

POISON

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



IMTRADE DELTA-DUO INSECTICIDE

**ACTIVE CONSTITUENT: 27.5 g/L DELTAMETHRIN
SOLVENT: 807 g/L LIQUID HYDROCARBONS**

GROUP 3A INSECTICIDE

**For the control of Heliothis (*Helicoverpa* spp.) and other
specified pests on Cotton and various other crops
as per the Directions for Use table**

**IMPORTANT: READ THIS LABEL AND THE ATTACHED LEAFLET
THOROUGHLY BEFORE OPENING OR USING THIS PRODUCT**

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

FIRST AID

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

Additional GHS Hazard & Precautionary Statements

•Toxic to aquatic life; •**DO NOT** get on clothing; •**DO NOT** eat, drink or smoke when using this product; •**IF SWALLOWED:** Call a POISON CENTRE or doctor if you feel unwell; •If skin irritation occurs: Get medical advice; •If eye irritation persists: Get medical advice; •Not combustible. Use extinguishing media suited to burning materials.

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 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.

**IN A TRANSPORT EMERGENCY
DIAL 000
POLICE OR FIRE BRIGADE**

APVMA Approval No: 53118/61344

- CONTENTS 20L
- CONTENTS 110L
- CONTENTS 200L
- CONTENTS 1000L

Batch No:
Date of Manufacture:

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GROUP 3A INSECTICIDE

For the control of *Heliothis (Helicoverpa spp.)* and other specified pests on Cotton and various other crops as per the Directions for Use table.

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BEFORE OPENING OR USING THIS PRODUCT**

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DIRECTIONS FOR USE:

CROP	PEST	STATE	RATE	CRITICAL COMMENTS
Cotton	Native Budworm (<i>H.punctigera</i>), Cotton Bollworm (<i>H.armigera</i>)	QLD, NSW, WA, NT only	700 mL/ha	Use when insect reinfestation pressure is high (i.e. moderate to heavy egg laying is occurring and small to medium larvae are present).
			600 mL/ha	Use when low to moderate egg laying is occurring and only a few small to very small larvae are present (see note below).
			500 mL/ha	Use when egg laying is low and larvae are just about to hatch (see note below).
	Pink Spotted Bollworm	QLD only	500 to 600 mL/ha	Apply at first sign of activity before larvae enter boll. Repeat as necessary.
Maize (Corn)	Corn Earworm and Native Budworm (<i>Heliothis</i>)	All States	500 mL/ha	Apply at tasselling and before silk emergence when larvae are small (less than 5mm) and before they enter cob. Repeat sprays at 3 to 5 day intervals may be necessary.
Sorghum	Corn Earworm and Native Budworm (<i>Heliothis</i>)	All States	500 mL/ha	Apply at first sign of pest, generally from head emergence onward. In tight head varieties, <i>Heliothis</i> may be protected and not readily controlled. Repeat sprays as necessary.
	Sorghum Midge	Vic, SA, WA only	200 to 400 mL/ha	Apply at first sign of infestation from head emergence and during flowering. Use rates towards the lower end of the range when infestation is light (1-2 midge/head) for knock-down effect late in the flowering period of sorghum. Use rates towards the higher end of the range when infestation occurs early in the period and/or under heavier infestation levels.
	QLD, NSW, NT only			

CROP	PEST	STATE	RATE	CRITICAL COMMENTS
Soybeans, Navy Beans, Mung Beans	Corn Earworm and Native Budworm (<i>Heliothis</i>), Looper	All States	500 mL/ha	Inspect crops regularly from early terminal development (4 leaf stage) onwards. Apply before <i>Heliothis</i> or Looper are 5mm long.
	Green Vegetable Bug			Apply as soon as adult Green Vegetable Bugs are seen, before there is a build up of nymphs.
Sunflower	Corn Earworm and Native Budworm (<i>Heliothis</i>), Rutherglen Bug, Jassids	All States	500 mL/ha	Apply at first sign of pest activity. Critical period is from bud stage/face opening onwards. At later growth stages, pests may be partially protected by heads or bracts. <i>Heliothis</i> should be sprayed before they are 5mm long for best results. Repeat sprays as necessary. If flowering has started and bees are active, application should be deferred until after flowering is complete but before the heads turn down. If treatment is unavoidable during flowering, spraying must take place in the very early morning or very late afternoon.

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

NOTES:

Larvae Size - Larvae greater than 5mm are often not controlled satisfactorily as they are harder to kill and they are often protected from spray by the plant.

WITHHOLDING PERIOD (WHP):

Cotton, Maize, Mung Beans, Navy Beans, Sorghum, Sunflower: DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION.

Export of Treated Produce

Growers should note that suitable MRL's or import tolerances may not be established in all markets for produce treated with Imtrade Delta-Duo Insecticide. If you are growing produce for export, please check with Imtrade Australia Pty Ltd for the latest information on MRL's and import tolerances BEFORE using Imtrade Delta-Duo Insecticide.

GENERAL INSTRUCTIONS

Before opening, carefully read Directions for Use, Precautionary Statements, Safety Directions and First Aid Instructions.

MIXING

Applied with Water – Fill the spray tank to about $\frac{3}{4}$ full with clean water. Add the required quantity of Imtrade Delta-Duo Insecticide to the spray tank with agitators in motion. Where other products are to be mixed, add these after Imtrade Delta-Duo Insecticide is mixed in the tank. Top up the spray tank to the required volume with clean water, with agitators operating.

When mixing Imtrade Delta-Duo Insecticide with Pipbut® Synergist, add the required quantity of Imtrade Delta-Duo Insecticide to the spray tank, followed by the Pipbut® Synergist, then, with agitators operating, add the required quantity of clean water to the spray tank.

Applied ULV – When Imtrade Delta-Duo Insecticide is to be applied as a ULV spray in combination with compatible ULV products (or oil), Imtrade Delta-Duo Insecticide should be added after the ULV product (or oil), with the agitators in motion. Ensure that there is no water, or products containing water, in this mixture, or in the spray equipment.

Application & Equipment

Imtrade Delta-Duo Insecticide is a contact spray. Thorough, even coverage is essential. Residual control of Imtrade Delta-Duo Insecticide may be reduced if heavy rainfall is received within 48 hours of application.

Ground Spray:

Standard low volume boom or high volume equipment may be used.

Aircraft:

Applied with Water - Imtrade Delta-Duo Insecticide may be applied by aircraft using water as a carrier. Water volumes of 10 to 30L/ha have given satisfactory results.

Applied ULV - Imtrade Delta-Duo Insecticide may also be used without dilution in mixture with some ULV products, as listed in the compatibility table, or applied ULV in combination with D-C-Tron® Cotton Spray Oil. A minimum spray volume, as described in the table below, should be applied ULV, using either a compatible ULV insecticide mixture partner and/or compatible oil as the bulking agent.

DO NOT add water – use direct from the container.

Crop	Pest	Minimum Total Spray Volume for ULV Application L/ha
Cotton	Native Budworm (<i>H.punctigera</i>), Cotton Bollworm (<i>H.armigera</i>)	3
	Pink Spotted Bollworm	2.5
Maize	Corn Earworm and Native Budworm (<i>Heliothis</i>)	2.5
Sorghum	Corn Earworm and Native Budworm (<i>Heliothis</i>)	2.5
	Sorghum Midge (VIC, SA, WA only)	2.5
	Sorghum Midge (QLD, NSW, NT only)	1
Soybeans, Navy Beans, Mung Beans	Corn Earworm and Native Budworm (<i>Heliothis</i>), Looper	2.5
	Green Vegetable Bug	2.5
Sunflower	Corn Earworm and Native Budworm (<i>Heliothis</i>), Rutherglen Bug, Jassids	2.5

For ULV application, Imtrade Delta-Duo Insecticide must only be applied by aircraft fitted with accurately calibrated ULV equipment, e.g. Micronair AU5000 atomisers. To minimise drift it is essential to produce a suitable spray droplet diameter (volume mean diameter) by controlling the rotational speed of the atomisers. It is recommended that the application parameters in terms of plane speed and blade angle settings are adjusted to deliver a maximum rotational speed of 3000 rpm and a resultant droplet diameter of approximately 100 microns. Rotational speed of the atomisers can be measured by the fitment and maintenance of transducers. Thorough coverage is essential.

INSECTICIDE RESISTANCE WARNING

GROUP 3A INSECTICIDE

For insecticide management, Imtrade Delta-Duo Insecticide is a Group **3A** Insecticide. Some naturally occurring insect biotypes resistant to Imtrade Delta-Duo Insecticide and other Group **3A** Insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if Imtrade Delta-Duo Insecticide and other Group **3A** Insecticides are used repeatedly. The effectiveness of Imtrade Delta-Duo 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 Delta-Duo Insecticide to control resistant insects.

The user should seek advice, and monitor the performance, and if the results are not in accordance with expectations, contact the manufacturer immediately. Apparent resistance however, should not be confused with poor application, coverage and timing techniques. Imtrade Delta-Duo Insecticide may be subject to specific resistance management strategies. For further information contact your local supplier, Imtrade Australia Pty Ltd representative or local agricultural department agronomist.

COMPATIBILITY

Applied with Water – Imtrade Delta-Duo Insecticide may be mixed with most piperonyl butoxide formulations (e.g. Pipbut* Synergist) and most formulations of fungicides and insecticides such as Chlorothalonil, Dimethoate, Mancozeb, Metalaxyl, Methamidophos, Methomyl, Pirimicarb, Ovasyn® EC Insecticide, Predator® 300 and Curacron® Flexi, where these products are required for additional insect control or for control of diseases. Imtrade Delta-Duo Insecticide may also be mixed with Wuxal® Liquid Foliar Nutrient and most knockdown herbicides.

Applied ULV – When sprayed as a ULV product, Imtrade Delta-Duo Insecticide is compatible with Ovasyn® ULV Insecticide, Pipbut® Synergist, Predator®300 and Curacron® Flexi, where these products are required for additional insect control. Imtrade Delta-Duo Insecticide is also compatible with D-C-Tron® Cotton Spray Oil, D-C-Trate® and Ulvapron® Oil. For further information on ULV insecticide compatibilities contact Imtrade Australia Pty Ltd.

WARNING: Imtrade Delta-Duo Insecticide may be mixed with some organophosphate insecticides for additional insect control. Organophosphate insecticides can cause phytotoxicity, which may be exaggerated with multiple applications. The addition of Imtrade Delta-Duo Insecticide to organophosphate insecticides does not affect the degree of phytotoxicity.

RE-ENTRY PERIOD

DO NOT allow entry into treated areas until spray deposits have dried. When prior entry is necessary, wear cotton overalls buttoned to the neck and wrist and elbow-length PVC gloves. Clothing must be laundered after each day's use.

PROTECTION OF LIVESTOCK

DANGEROUS TO BEES.

DO NOT spray on any plants in flower while bees are foraging. Some repellent effect may be apparent for approximately 2 days.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DANGEROUS TO FISH.

DO NOT contaminate streams, rivers or waterways with this product or used container.

DRIFT WARNING

DO NOT apply under meteorological conditions or from spraying equipment, which could be expected to cause, spray to drift onto nearby susceptible plants, adjacent crops, croplands or pastures.

STORAGE AND DISPOSAL (5L, 20L, 200L only)

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Envirodrum - Micro Matic Valve (110L only)

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Refillable Containers (1000L only)

Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

SAFETY DIRECTIONS

Product is poisonous if swallowed. Facial skin contact may cause temporary facial numbness. Will damage eyes and will irritate the skin. Avoid contact with eyes and skin. Avoid inhaling vapour or spray mist. When preparing spray, wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow-length PVC gloves and face shield. If product on skin, immediately wash area with soap and water. If product in eyes, wash it out immediately with water. Wash hands after use. After each day's use, wash gloves and face shield and contaminated clothing.

FIRST AID

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

Additional GHS Hazard & Precautionary Statements

● Toxic to aquatic life; ● **DO NOT** get on clothing; ● **DO NOT** eat, drink or smoke when using this product; ● **IF SWALLOWED**: Call a POISON CENTRE or doctor if you feel unwell; ● If skin irritation occurs: Get medical advice; ● If eye irritation persists: Get medical advice; ● Not combustible. Use extinguishing media suited to burning materials.

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® Other Registered Trademarks

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