STORAGE AND DISPOSAL

Store in the closed, original container in a well-ventilated area as cool as possible, out of direct sunlight. This container can be recycled if it is clean, dry, free of visible residues and has the drum muster logo visible. Triple or pressure rinse container for disposal. Add rinsings to spray tank. Dispose of the rinsate by adding it to the spray tank. **DO NOT** dispose of undiluted chemicals on site. Wash outside of the container and the cap. Store cleaned container in a sheltered place with cap removed. It will then be acceptable for recycling at any drum muster collection or similar container management program site. The cap should not be replaced but may be taken separately. If not recycling, break, crush or puncture container and deliver empty packaging for appropriate disposal to an approved waste management facility. Empty containers and product should not be burnt.

Envirodrum 110L Mini Bulk Returnable Container

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. When the contents of the Envirodrum have been used, please return the empty Envirodrum to the point of purchase.

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

Harmful if swallowed. Will damage the eyes. Will irritate the skin. Avoid contact with eyes and skin. When opening the container and preparing the spray, wear cotton overalls buttoned to the neck and wrist, washable hat, elbow-length PVC gloves and face shield or goggles. If product in eyes, wash it out immediately with water. After use and before eating, drinking, smoking, wash hands, arms and face thoroughly with soap and water. After each day's use wash gloves, face shield or goggles and contaminated cothing.

FIRST AID

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

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



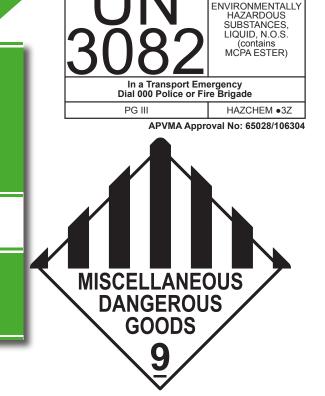
SELECTIVE HERBICIDE

ACTIVE CONSTITUENTS: 250g/L MCPA present as the ethyl hexyl ester 25g/L DIFLUFENICAN SOLVENTS: 325g/L LIQUID HYDROCARBONS 150g/L N-MEHTYL-2-PYRROLIDONE

GROUP 4 12 HERBICIDE

For the control of certain broadleaf weeds in winter cereals and clover as specified in the Directions for Use table

IMPORTANT: Read the attached Leaflet before use.





GROUP





Batch No DOM:



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

CAUTION

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



IMTRADE LIONEX SELECTIVE HERBICIDE

ACTIVE CONSTITUENTS: 250g/L MCPA present as the ethyl hexyl ester 25g/L DIFLUFENICAN SOLVENTS: 325g/L LIQUID HYDROCARBONS 150g/L N-MEHTYL-2-PYRROLIDONE

GROUP 4 12 HERBICIDE

For the control of certain broadleaf weeds in winter cereals and clover as specified in the DIRECTIONS FOR USE table.

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

APVMA Approval No. 65028/106304

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:

DO NOT apply if crops or weeds are stressed due to dry or excessively moist conditions

DO NOT apply to crops under stress due to disease or insect damage.

DO NOT apply to frost-affected crops or if frosts are imminent.

DO NOT apply if heavy rain is expected within 4 hours.

DIRECTIONS FOR USE

CROP	WEEDS CONTROLLED	STAGE OF WEED GROWTH	STATE	RATE/ HA	CRITICAL COMMENTS
CEREALS Wheat, Barley, Oats, Triticale.	Wild Radish	Up to the 2-leaf stage and not more than 60mm in diameter	WA only		CROP STAGE Cereals Up to 750 mL (3 leaf to fully tillered stage – Z13 to 30).
Cereal Rye (including Cereals undersown with Clover)		Up to the 4-leaf stage and not more than 120mm in diameter	All States		Over 750 mL (5 leaf to fully tillered stage – Z15 to 30). Optimum results are achieved when sprayed at 3-5 leaf crop stage (generally 4-8 weeks post sowino).
PASTURE Newly sown and established		Up to the 6-leaf stage and not more than 150mm in diameter		750 mL	WA only: DO NOT apply to Barley or Kulin Wheat before the 5 leaf stage (Z15). Warning: Imtrade Lionex
clover-based pasture, clover for hay and seed		Up to the 8-leaf stage and not more than 180mm in diameter		1.0L	Selective Herbicide may cause transient crop yellowing of cereals. Some varieties of oats have not been tested. (Refer to " Crop Tolerance " section
production	Charlock, Hedge Mustard, Indian Hedge Mustard,	Up to the 2-leaf stage and not more than 60mm in diameter		500 mL	of General Instructions). <i>Clover</i> Application is recommended prior to the eighth trifoliate leaf
	Shepherd's Purse, Turnip Weed, Wild Turnip	Up to the 4-leaf stage and not more than 120mm in diameter		750 mL	stage, however, applications prior to the third leaf stage may result in crop damage especially under stressed conditions and in sandy soils.
		Up to 6-leaf stage and not more than 150mm in diameter		1.0L	DO NOT apply to Annual Medics or Lucerne. Warning: Imtrade Lionex Selective Herbicide may cause transient crop yellowing of
	London Rocket	Up to the 5-leaf stage and not more than 120mm	Qld only	750 mL	clover, and may affect growth and seed set of some varieties of clover. (Refer to
	Ward's Weed	in diameter	SA only		Crop Tolerance – section of the General Instructions).
					continued next page

CROP	WEEDS Controlled	STAGE OF WEED GROWTH	STATE	RATE/ HA	CRITICAL COMMENTS
CEREALS Wheat, Barley, Oats, Triticale, Cereal Rye (including Cereals undersown	Capeweed	Up to the 2-leaf stage and not more than 60mm in diameter Up to the 4-leaf stage and not more than 120mm in diameter	All States	500 mL	continued from previous page WEED STAGE Apply when weeds are actively growing. In most situations the rate specified for each weed size will give satisfactory control. Under certain conditions such as:
with Clover) <u>PASTURE</u> Newly sown	Crassula	Up to the 2-leaf stage Up to the 4-leaf stage		500 mL 750 mL	 high crop and weed density, late season germinations, abnormal weed growth (include early flowering).
and established clover-based pasture, clover for	Prickly Lettuce	Up to the 2-leaf stage Up to the 4-leaf stage		500 mL 750 mL	higher rates of product (up to the maximum rate of application specified for that weed) may be
hay and seed production	Dense-Flower	Up to the 6-leaf stage		1.0L 750 mL	required. Imtrade Lionex Selective Herbicide will not effectively control:
	Furnitory Corn Gromwell, Saffron Thistle, Toad Rush	stage		1.0L	regrowth of suppressed weeds, transplanted weeds, regrowth from rhizomes
	Deadnettle	Up to the 2-leaf stage	NSW, Vic, SA only	1.0L	 or roots, weeds growing under stress from previous herbicide applications.
	Sorrel		Vic only	1.0L	GRAZING Efficacy on larger weeds
	Canola (Rape)	Up to the 4-leaf stage	All States	500 mL	will be improved by grazing with normal levels of stock after the 7 day withholding
	Purple Goosefoot	Up to 6-leaf stage	Qld only	500 mL	period. Refer to "Protection of Livestock" for grazing
	Turnip Weed, Wild Turnip	Cotyledon to 2-leaf stage	NSW only (West of Newel Hwy) SA only (Eyre Peninsula North of the line between Venus Bay and Cowell)	350 mL	precautions. APPLICATION Activity of this product will be reduced if weeds are stressed. Optimum results will be obtained if good soil moisture exists at and after application. Where crop or weed density is high, water volume should be increased. continued next page

CROP	WEEDS CONTROLLED	STAGE OF WEED GROWTH	STATE	RATE/ HA	CRITICAL COMMENTS
CEREALS Wheat, Barley, Oats, Triticale, Cereal Rye	Fumitory	2-6 leaf stage	All States	500 mL 200 mL Terbutryn (500 g/L)	continued from previous page WILD RADISH Intrade Lionex Selective Herbicide will provide residual control of Wild Radish for up to 4 weeks after application. Effective residual activity of this product may be reduced where: • rates lower than 1.0L/ha are used. • dry conditions prevail, • poor coverage of the soil surface is achieved, • crop is planted in non-wetting sand, • soils contain a high content of organic matter. Optimum results will be obtained if soil moisture exists at and after application.

CROP	WEEDS CONTROLLED	STAGE OF WEED GROWTH	STATE	RATE/ HA	CRITICAL COMMENTS
	SUPPRESSION	OF THE FOLLO			
CEREALS Wheat,	Saffron Thistle	Up to the 6-leaf stage	All States	1.0L	Refer to Critical Comments on previous page
Barley, Oats, Triticale, Cereal Rye (including Cereals undersown with Clover) PASTURE Newly sown and established clover-based pasture, clover for hay and seed production	Might-Scented Stock, Paterson's Curse, Peppercress, Skeleton Weed, Long Storksbill, Volunteer Lupins Wireweed (Hogweed)	Up to the 4-leaf stage		750 mL	
	Common Sowthistle (Milk Thistle), Cowine, Dock, Doublegee (Spiny Emex), Fat Hen, Horehound, Hyssop Loosestrife, Marshmallow Rough Poppy, Scarlet Pimpernel, Stemless Thistle, Tree Hogweed, Variegated Thistle, Variegated Thistle, Variegated Thistle, Variegated Thistle, Variegated	Up to the 2-leaf stage		1.0L	

CROP	WEEDS CONTROLLED	STAGE OF WEED GROWTH	STATE	RATE/ HA	CRITICAL COMMENTS
CEREALS Wheat, Barley, Oats, Triticale, Cereal Rye	Wild Radish	Up to the 4-leaf stage and not more than 120nm in diameter Up to the 6-leaf stage and not more than 150nm in diameter Up to the 8-leaf stage and not more than 180nm in diameter ^T	All States	350 mL	Comments relating to weed stage, grazing, application and Wild Radish above. TReduced efficacy (suppression only) may be achieved on Wild Radish larger than 8-leaf or greater then 180mm in diameter. DO NOT use this tank-mix if cereals are undersown with Lucerne or Annual Medics. Crop Stage Imtrade Lionex Selective Herbicide 350 mL + MCPA LVE 200 mL: Apply from 3-leaf to fully tillered (Zadok's 213 to Z30). Imtrade Lionex Selective

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

WITHHOLDING PERIODS CROP HARVEST: NOT REQUIRED WHEN USED AS DIRECTED All crops: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION

GENERAL INSTRUCTIONS

RESISTANT WEEDS WARNING

GROUP 4 12 HERBICIDE

Imtrade Lionex Selective Herbicide is a member of the phenoxy and nicotinanilide groups of herbicides and acts by inhibiting carotenoid biosynthesis and disrupting plant cell growth. For weed resistance management Imtrade Lionex Selective Herbicide is both a Group 4 and a Group 12 Herbicide. Some naturally occurring weed biotypes resistant to Imtrade Lionex Selective Herbicide and other Group 4 and 12 herbicides may exist through normal genetic variability in any weed population. The resistant individuals caventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by Imtrade Lionex Selective Herbicide or other Group 4 or Group 12 herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Imtrade Australia Pty Ltd accepts no liability for any losses that may result from the failure of Lionex to control resistant weeds.

TOLERENCE

Some pre-emergence herbicides, such as atrazine, can cause stress to certain crops resulting in an increase in crop damage when using this product. Subterranean Clover is particularly sensitive.

Cereals: After application some transient crop yellowing may occur. This usually appears as yellow or white banding on leaves. Provided the crop is not under stress from pre-emergent herbicide, root disease, insect damage, frost, dry or excessively moist conditions, the development of the crop and subsequent growth will be unaffected.

Warning (Oats)

The tolerance of oat varieties Esk and Nile (the two main varieties grown in Tasmania) to Imtrade Lionex Selective Herbicide has not been tested. Test a small area of crop before using Imtrade Lionex Selective Herbicide over large areas.

Pasture: The tolerance of clover varieties to Imtrade Lionex Selective Herbicide can vary with rate of application, soil type, crop health, stage of growth and degree of moisture and temperature stress.

Warning

Imtrade Lionex Selective Herbicide may result in transient crop yellowing and suppression of growth with a resultant initial reduction in dry matter, particularly at rates in excess of 500 mL/ha and in areas of double spray. For this reason we recommended application prior to the 8 trifoliate leaf stage. However, at the lower rates (500 mL/ha and less) and under normal growing conditions, subsequent growth and seed yield should not be affected.

Under normal growing conditions the following varieties have shown acceptable levels of foliage tolerance to Imtrade Lionex Selective Herbicide applied at 500 mL/ha.

Arrowl eaf: 7ulu Berseem: Sacromonte Ralansa: Paradana

Persian: Kyambro, Lupers Maral White: Haifa Subterranean Clover: Daliak, Dalkeith, Denmark, Esperance, Geraldton, Goulburn, Karridale, Larissa, Leura, Mt Barker, Nungarin, Rosedale, Seaton Park, Trikkala and Woogenellup, The effects of Imtrade Lionex Selective Herbicide on clover seed yield have been tested on the following varieties. Under normal growing conditions they show acceptable levels of tolerance to Imtrade Lionex Selective Herbicide applied at 500 mL/ha.

Subterranean Clover: Esperance, Goulburn, Larrisa, Seaton Park and Trikkala.

Warning

Rose and Strawberry Clover have shown increased sensitivity to Imtrade Lionex Selective Herbicide, Imtrade Lionex Selective Herbicide may affect the seed yield of Subterranean Clover variety Woogenellup, Some pasture grasses, including Phalaris and Cocksfoot, may show some initial reduction in vegetative growth after application of Imtrade Lionex Selective Herbicide. Care should be exercised if sensitive clover varieties or grasses are included in the pasture sward. Varieties not listed should be tested before using Imtrade Lionex Selective Herbicide over large areas.

Subsequent Crops

To reduce effect on subsequent susceptible crops (e.g. Canola), ensure thorough cultivation of soil prior to the sowing of these crops.

MIXING

To ensure even mixing, half fill the spray tank with clean water and add the required amount of product. Agitate thoroughly then add the remainder of the water. Agitate again before spraving commences. Reseal part used product container immediately after use. Spray mixtures containing Imtrade Lionex Selective Herbicide should not be left to stand overnight. Prolonged periods of exposure to cold temperatures could result in setting out of the product in the mixture.

Warning

The rubber components present in some spraying units may be affected by exposure to the solvents in Imtrade Lionex Selective Herbicide and some other agricultural products. To reduce this risk it is recommended that the spray unit be thoroughly washed with a boom cleaner and fresh water after use. Contact the spray unit manufacturer to determine the suitability of the rubber components for use with agricultural products.

APPLICATION

Boom Spraver: A minimum of 50L of water per hectare should be used, however, for optimum results water rates of 70-100L/ha are recommended. Increase the water volume if weed infestation is heavy or crop cover is dense. Complete coverage of weeds is essential. Aircraft (NSW. Vic. SA only): Apply in a minimum 30L water per hectare. Effective weed control will only be achieved where good coverage of leaf surface is achieved.

COMPATIBILITY

The following products are physically compatible with Imtrade Lionex Selective Herbicide as a two-way mixture in the spray tank but should only be used for the crops specified:

Crop	Imtrade Lionex Selective Herbicide	Compatible Product
Wheat, Triticale and Cereal Rye only	Up to 750mL/ha	Diclofop-methyl (also Barley) Puma® Progress (Wild Oats only), Tristar® Advance (1.5L rate only), ChemAg Maddog Selective Herbicide (Wild Oats only)
Cereals (Including undersown)	All rates	Chlorpyrifos (500g/L), Dimethoate, Thiodan®
Cereals (not undersown)	Up to 500 mL/ha	Metsulfuron, Chlorsulfuron, MCPA LV E, Imtrade Mandate 750 WG Selective Herbicide
	All rates	Bromoxynil 200g/L, 2.4-D Amine 500 Herbicide, Imtrade Rally 750 SG Herbicide, Tordon [®] 50-D, Cadence (up to 115g only), Eclipse [®]
Wheat, Barley, Triticale, and Cereal Rye only (not undersown)		ChemAg Attain 400 WG Herbicide
Wheat only (not undersown)		Imtrade Subject 240 EC Selective Herbicide
Clover	Up to 750mL/ha	Targa®, Fusilade®
Subterranean Clover		Simazine (500g/L), Simazine (500g/L) + Paraquat (200g/L) mixture
	Up to 1.0L/ha	2,4-D Amine (500g/L)

When mixing with other hebicides, crop yellowing may be enhanced. When mixing with Hoegrass[®], ChemAg Maddog Selective Herbicide or Tristar[®] Advance some reduction in the efficacy and speed of action of these products may occur. If the crop is stressed, the application of the herbicide tank-mixtures may cause yield reduction. When mixing with Cadence[®] a temporary wilting may be evident in some crops after application. Growers should seek advice before spraying recently released cereal varieties.

Use the recommended rates for both herbicides in the tank-mixture as well as the surfactant recommendation of the grass herbicide. If another herbicide is applied as a tank mix, observe the plantback restrictions on that label. **DO NOT** add surfactant when mixing Intrade Lionex Selective Herbicide and Ally[®] (Metsulfuron-methy). Simazine: Refer to the Simazine label for correct application rates, especially with regard to soil types.

This product may be mixed in the spray tank with one of the following insecticides according to the directions for use on this product: Alpha-cypermethrin 100g/L, Deltamethrin 27.5g/L, Lambda-cyhalothrin 250g/L and Talstar[®].

Warning

DO NOT use crop oils with Imtrade Lionex Selective Herbicide or Imtrade Lionex Selective Herbicide tank mixtures with other products in cereals. As formulations of other manufacturer's products are beyond the control of Imtrade Australia Pty Ltd, all mixtures should be tested prior to mixing commercial quantities.

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. Avoid spray drift and vapour movement onto susceptible crops such as cotton, tobacco, tomatoes, vines, lupins, fruit trees and ornamentals.

PROTECTION OF LIVESTOCK

Grazing Precaution

Sprayed weeds may become more palatable to stock and a higher intake of some weeds may result in stock poisoning and death from causes such as nitrate poisoning. Care should be taken especially where Capeweed, Patterson's Curse and Variegated Thistles predominate in the pasture. Avoid grazing with young or breeding stock. **DO NOT** graze horses or pigs on Paterson's Curse. If in doubt, contact your nearest Department of Agriculture.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT Dangerous to fish.

DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

STORAGE AND DISPOSAL

Store in the closed, original container in a well-ventilated area as cool as possible, out of direct sunlight. This container can be recycled if it is clean, dry, free of visible residues and has the drum muster logo visible. Triple or pressure rinse container for disposal. Add rinsings to spray tank. Dispose of the rinsate by adding it to the spray tank. **D0 N0T** dispose of undiluted chemicals on site. Wash outside of the container and the cap. Store cleaned container in a sheltered place with cap removed. It will then be acceptable for recycling at any drum muster collection or similar container management program site. The cap should not be replaced but may be taken separately. If not recycling, break, crush or puncture container and deliver empty packaging for appropriate disposal to an approved waste management facility. Empty containers and product should not be burnt.

Envirodrum 110L Mini Bulk Returnable Container

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. When the contents of the Envirodrum have been used, please return the empty Envirodrum to the point of purchase.

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

Harmful if swallowed. Will damage the eyes. Will irritate the skin. Avoid contact with eyes and skin. When opening the container and preparing the spray, wear cotton overalls buttoned to the neck and wrist, washable hat, elbow-length PVC gloves and face shield or goggles. If product in eyes, wash it out immediately with water. After use and before eating, drinking, smoking, wash hands, arms and face thoroughly with soap and water. After each day's use wash gloves, face shield or goggles and contaminated clothing.

FIRST AID

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

Additional GHS Hazard & Precautionary Statements

•May cause respiratory irritation; •Harmful if inhaled; •Harmful in contact with skin; •Causes serious eye irritation; •May damage the unborn child; •Toxic to aquatic life with long lasting effects; •Avoid breathing fumes, mists, vapours or spray; •Wash contact areas thoroughly after handling; •D0 N0T eat, drink or smoke when using this product; •Use only outdoors or in a well-ventilated area; •Contaminated work clothing should not be allowed out of the workplace; •IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell; •IF ON SKIN: Wash with plenty of soap and water; •IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing; •If skin irritation or rash occurs: Get medical advice; •If eye irritation persists: Get medical advice; •Collect spillage; •In case of a fire, use carbon dioxide, dry chemical, foam, water fog; •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 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.

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