

## 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 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. **DO NOT** burn empty containers and product.

## SAFETY DIRECTIONS

Will irritate the eyes and skin. Avoid contact with eyes and skin. When opening the container and preparing spray, wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow-length PVC gloves and face shield or goggles. When using the prepared spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow-length PVC gloves. 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 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 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 from Imtrade Australia Pty Ltd website at [www.imtrade.com.au](http://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

IMTRADE

# CARFENTRAZONE-ETHYL 240 EC

HERBICIDE

ACTIVE CONSTITUENT: 240 g/L CARFENTRAZONE-ETHYL  
SOLVENTS: 685 g/L LIQUID HYDROCARBON  
20 g/L N-METHYL-2-PYRROLIDONE

GROUP 14 HERBICIDE

For improvement in the control of marshmallow and certain other broadleaf weeds when applied in tank mixtures with knock down herbicides: prior to establishment of broadacre crops, fallows or forest plantations in commercial, industrial and public service areas, around agricultural buildings and yards, in treefruits, nuts and grapevines. Control of marshmallow and annual nettles in grass pastures and rough grass/turf areas. Also control of volunteer cotton seedlings including Roundup Ready® cotton, desiccation of cotton re-growth; and control of unwanted suckers (cane burning) in *Rubus* spp. and *Ribes* spp. as per the Directions for Use table.

Important: Read the attached Leaflet before use.

GROUP  
14

FORM  
EC

CONTENTS  
1L-10L



Batch No.  
DOM:

**IMTRADE**  
CropScience

17 Ocean St, Kwinana Beach WA 6167  
08 9419 0333 | [www.imtrade.com.au](http://www.imtrade.com.au)

<b>UN 3082</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains CARFENTRAZONE- ETHYL)
In a Transport Emergency Dial 000 Police or Fire Brigade	
PG III	HAZCHEM +3Z

APVMA Approval No: 70372/125986



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



# **IMTRADE**

# **CARFENTRAZONE-ETHYL**

# **240 EC HERBICIDE**

**ACTIVE CONSTITUENT: 240 g/L CARFENTRAZONE-ETHYL**  
**SOLVENTS: 685 g/L LIQUID HYDROCARBON**  
**20 g/L N-METHYL-2-PYRROLIDONE**

<b>GROUP</b>	<b>14</b>	<b>HERBICIDE</b>
--------------	-----------	------------------

For improvement in the control of marshmallow and certain other broadleaf weeds when applied in tank mixtures with knock down herbicides: prior to establishment of broadacre crops, fallows or forest plantations in commercial, industrial and public service areas, around agricultural buildings and yards, in treefruits, nuts and grapevines. Control of marshmallow and annual nettles in grass pastures and rough grass/turf areas. Also control of volunteer cotton seedlings including Roundup Ready® cotton, desiccation of cotton re-growth; and control of unwanted suckers (cane burning) in *Rubus* spp. and *Ribes* spp. as per the Directions for Use table.

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

**APVMA Approval No: 70372/125986**

Imtrade Australia Pty Ltd  
ABN 13 090 151 134  
17 Ocean Street, Kwinana Western Australia 6167  
Tel: 1800 171 799 Fax: 1800 17 1788  
Web: [www.imtrade.com.au](http://www.imtrade.com.au)

**RESTRAINTS:**

**DO NOT** apply by aerial application except for cotton desiccation.

**DIRECTIONS FOR USE**

SITUATION	WEED CONTROLLED	STATE	TIME OF APPLICATION	RATE	CRITICAL COMMENTS
<p>Prior to sowing winter and summer broadacre and horticultural crops; starting a fallow; and prior to establishment of forestry plantations.</p> <p>To assist in weed control in Commercial, Industrial and Public Service areas, around Agricultural buildings and yards.</p> <p>In young or established Grapevines, Treefruits (including Pome fruit, Stone fruit and Citrus fruit), Tree Nuts and assorted Tropical and Sub-tropical fruits.</p>	<p>Australian Crassula/Stonecrop (<i>Crassula</i> spp.), Capeweed (<i>Arctotheca calendula</i>), Chickweed (<i>Stellaria media</i>), Common Storksbill (max. 4 leaves) (<i>Erodium cicutarium</i>), Doublegee/Spiny Emex, Three Cornered Jack (<i>Emex australis</i>), Marshmallow (<i>Malva parviflora</i>), Paterson's Curse (<i>Echium plantagineum</i>), Sub-clover (<i>Trifolium subterraneum</i>), Wild Radish (<i>Raphanus raphanistrum</i>)</p> <p>Refer also to the product label for the knockdown herbicide used.</p> <p>If one of the above weeds is the dominant weed, and there is no specific rate for it in the knockdown herbicide's label, consult the label's generic annual-weed rate-range. Select from within this range to suit the weed-stage, weed-density, conditions etc of your situation.</p>	All States	<p>Apply as a tank mix with Imtrade Eradicator Herbicide or other glyphosate products; Imtrade Spraykill 250 Herbicide, Imtrade Para-Trooper Herbicide or other Paraquat products</p>	<p>25 – 75 mL/ha plus recommended label rates of knockdown herbicides</p> <p><b>Spot spray</b> 10 mL/100L plus recommended label spot spray rates of knockdown herbicides</p>	<p>Addition of Imtrade Carfentrazone-ethyl 240 EC Herbicide to knockdown herbicides will increase the speed at which treated broadleaved weeds in general develop visible symptoms (compared to results achieved with knockdown herbicides applied alone) and may improve final control of broadleaved weeds including certain hard-to-kill weeds, Marshmallow in particular. The use of the higher rates and full soil disturbance in cropping situations may improve the control of Marshmallow in particular.</p> <p>Use the lower rates on younger plants or plants growing under good conditions and the higher rates on older plants or plants growing under less optimum conditions.</p>

SITUATION	WEED CONTROLLED	STATE	TIME OF APPLICATION	RATE	CRITICAL COMMENTS
<p>Prior to sowing winter and summer broadacre and horticultural crops; starting a fallow; and prior to establishment of forestry plantations.</p> <p>To assist in weed control in Commercial, Industrial and Public Service areas, around Agricultural buildings and yards.</p> <p>In young or established Grapevines, Treefruits (including Pome fruit, Stone fruit and Citrus fruit), Tree Nuts and assorted Tropical and Sub-tropical fruits.</p>	<p>Australian Crassula/Stonecrop (<i>Crassula</i> spp.), Capeweed (<i>Arctotheca calendula</i>), Chickweed (<i>Stellaria media</i>), Common Storksbill (max. 4 leaves) (<i>Erodium cicutarium</i>), Doublegee/Spiny Emex, Three Cornered Jack (<i>Emex australis</i>), Marshmallow (<i>Malva parviflora</i>), Paterson's Curse (<i>Echium plantagineum</i>), Sub-clover (<i>Trifolium subterraneum</i>), Wild Radish (<i>Raphanus raphanistrum</i>)</p> <p>Refer also to the product label for the knockdown herbicide used.</p> <p>If one of the above weeds is the dominant weed, and there is no specific rate for it in the knockdown herbicide's label, consult the label's generic annual-weed rate-range. Select from within this range to suit the weed-stage, weed-density, conditions etc of your situation.</p>	All States	<p>Apply as a tank mix with Imtrade Eradicator Herbicide or other glyphosate products; Imtrade Spraykill 250 Herbicide, Imtrade Para-Trooper Herbicide or other Paraquat products</p>	<p>25 – 75 mL/ha plus recommended label rates of knockdown herbicides</p> <p><b>Spot spray</b> 10 mL/100L plus recommended label spot spray rates of knockdown herbicides</p>	<p>The lower rate may only provide suppression of Capeweed, Wild Radish, Common Storksbill and Doublegee under poor growing conditions. Common Storksbill should be no larger than 4-leaf at spraying, recently germinated and not under stress – older or stressed plants may not be adequately controlled.</p> <p>Application to hardened weeds or drought stressed weeds especially under summer conditions may cause only localised injury to weed foliage which may not enhance final weed control. Mallow growing and sprayed in the summer is especially prone to drought stress and may either not show symptoms typical of Imtrade Carfentrazone-ethyl 240 EC Herbicide or may regrow following treatment although plants did not appear very stressed at application.</p>

SITUATION	WEED CONTROLLED	STATE	TIME OF APPLICATION	RATE	CRITICAL COMMENTS
<p>Prior to sowing winter and summer broadacre and horticultural crops; starting a fallow; and prior to establishment of forestry plantations.</p> <p>To assist in weed control in Commercial, Industrial and Public Service areas, around Agricultural buildings and yards.</p> <p>In young or established Grapevines, Treefruits (including Pome fruit, Stone fruit and Citrus fruit), Tree Nuts and assorted Tropical and Sub-tropical fruits.</p>	<p>Australian Crassula/Stoncrop (<i>Crassula</i> spp.), Capeweed (<i>Arctotheca calendula</i>), Chickweed (<i>Stellaria media</i>), Common Storksbill (max. 4 leaves) (<i>Erodium cicutarium</i>), Doublegee/Spiny Emex, Three Cornered Jack (<i>Emex australis</i>), Marshmallow (<i>Malva parviflora</i>), Paterson's Curse (<i>Echium plantagineum</i>), Sub-clover (<i>Trifolium subterraneum</i>), Wild Radish (<i>Raphanus raphanistrum</i>)</p> <p>Refer also to the product label for the knockdown herbicide used.</p> <p>If one of the above weeds is the dominant weed, and there is no specific rate for it in the knockdown herbicide's label, consult the label's generic annual-weed rate-range. Select from within this range to suit the weed-stage, weed-density, conditions etc of your situation.</p>	All States	<p>Apply as a tank mix with Imtrade Eradicator Herbicide or other glyphosate products; Imtrade Spraykill 250 Herbicide, Imtrade Para-Trooper Herbicide or other Paraquat products</p>	<p>25 – 75 mL/ha plus recommended label rates of knockdown herbicides</p> <p><b>Spot spray</b> 10 mL/100L plus recommended label spot spray rates of knockdown herbicides</p>	<p>Apply only as a tank mix with recommended rates of knockdown herbicides. Refer to the appropriate label for weed sizes and follow all label directions. Addition of Supercharge® at 0.5% may be beneficial when applying Imtrade Carfentrazone-ethyl 240 EC Herbicide with a glyphosate herbicide.</p> <p>To ensure uptake of Imtrade Carfentrazone- ethyl 240 EC Herbicide, <b>DO NOT</b> sow crops for at least 1 hour after application. Always refer to the appropriate companion product label in case a longer re-crop sowing period is required.</p> <p>When using Imtrade Carfentrazone-ethyl 240 EC Herbicide as a spot spray, apply in sufficient water (minimum 500L/ha) to thoroughly wet all weed foliage to the point of run-off. Addition of standard rates of a non-ionic surfactant may improve weed control.</p>

SITUATION	WEED CONTROLLED	STATE	TIME OF APPLICATION	RATE	CRITICAL COMMENTS
Prior to sowing summer broadacre and horticultural crops; and starting a fallow	Volunteer Cotton Seedlings including Roundup Ready® varieties	NSW, QLD, WA only	Apply to seedlings at 2-6 leaf stage	<p><b>Roundup Ready Cotton only:</b> 75 – 100 mL/ha plus Supercharge® or Imtrade Pronto Spray Adjuvant 1%</p> <p><b>or</b></p> <p>75 - 100mL/100L plus Imtrade Eradicator Herbicide or other glyphosate products plus Supercharge® or Imtrade Pronto Spray Adjuvant 0.5%</p> <p><b>Conventional Cotton only:</b> 50 - 75 mL/ha plus recommended label spot spray rates of knockdown herbicides</p>	<p>Apply Imtrade Carfentrazone-ethyl 240 EC Herbicide in a minimum spray volume of 80L/ha to ensure effective coverage. Use of lower spray volumes may reduce weed control. Cotton should be growing well at application; application to plants growing under heat and moisture stress may reduce the level of control.</p> <p>To broaden the weed spectrum Imtrade Carfentrazone-ethyl 240 EC Herbicide may be tank mixed with recommended rate of a knockdown herbicide (Imtrade Eradicator Herbicide or other glyphosate products, Imtrade Para-Trooper Herbicide or other paraquat products, Imtrade Spraykill 250 Herbicide). When using a tank mix with glyphosate for control of Roundup Ready seedlings, the higher rate range of Imtrade Carfentrazone-ethyl 240 EC Herbicide is required as well as Supercharge® or Imtrade Pronto Spray Adjuvant at 0.5%.</p> <p>When using a tank mix with glyphosate for control of Conventional Cotton seedlings, the addition of standard rates of a non-ionic surfactant or 0.5% or an oil adjuvant such as Supercharge# or Imtrade Pronto Spray Adjuvant will maximise control.</p>

SITUATION	WEED CONTROLLED	STATE	TIME OF APPLICATION	RATE	CRITICAL COMMENTS
Grass Pastures; Rough Grass/ Turf areas	Marshmallow (Malva parviflora), Annual (Stinging) Nettles (Urtica urens)	NSW, QLD, WA only	Apply to seedlings at 2-10 leaf stage	25 – 75 mL/ha plus Supercharge® or Imtrade Pronto Spray Adjuvant 0.5%	Use the lower rates on younger plants or plants growing under good conditions and the higher rates on older plants or plants growing under less optimum conditions. These rates may only provide suppression of Marshmallow.
Cotton	Desiccation of regrowth	NSW, QLD, WA only	Apply to regrowth following defoliation	80 – 100 mL/ha	Use Imtrade Carfentrazone-ethyl 240 EC Herbicide to desiccate regrowth which occurs following the defoliation program. Apply with crop oil concentrates or blended oil/surfactant adjuvants as this may result in a greater reduction of green shoot. Use the higher rate of Imtrade Carfentrazone-ethyl 240 EC Herbicide when regrowth is vigorous or when there are more than 20 regrowth leaves of any size, per plant. Ensure that spray equipment is adjusted to provide thorough coverage of foliage to maximise product performance. Use a minimum of 100L/ha for ground application and 30L/ha for aerial application.

SITUATION	WEED CONTROLLED	STATE	TIME OF APPLICATION	RATE	CRITICAL COMMENTS
<p><i>Rubus</i> spp. (including Raspberries and Blackberries)</p> <p>and</p> <p><i>Ribes</i> spp. (including Currants and Gooseberries)</p>	Control of unwanted suckers (cane burning)	All States	Apply to suckers less than 300 mm long, before any lignification occurs	75 mL/ha	<p>Ensure complete coverage of suckers and spray to point of run-off.</p> <p>A minimum spray volume of 50L per kilometre of row (both sides sprayed) is recommended.</p> <p>Avoid spray drift onto desirable green stems, foliage, fruit or flowers. Use hooded or shielded sprayers when applying treatment in close proximity to seedlings or newly transplanted bushes, or when planting distance between bushes and distances between rows are minimal.</p> <p><b>WARNING:</b> Imtrade Carfentrazone-ethyl 240 EC Herbicide is highly toxic to foliage and green stems of broadleaf plants, and incidental spray drift onto desirable green stems, foliage, fruit or flowers may result in necrosis.</p>

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



**WITHHOLDING PERIOD:*****HARVEST:******COTTON PROCESSING:******ALL OTHER USES:***

**DO NOT HARVEST FOR 1 DAY AFTER APPLICATION. NOT REQUIRED FOR IMTRADE CARFENTRAZONE-ETHYL 240 EC HERBICIDE WHEN USED AS DIRECTED. HOWEVER, REFER ALSO TO THE WITHHOLDING PERIOD OF PRODUCTS MIXED WITH IMTRADE CARFENTRAZONE-ETHYL 240 EC HERBICIDE.**

***GRAZING:***

***GRAZING/COTTON TRASH:* DO NOT GRAZE TREATED AREAS OR FEED COTTON TRASH TO LIVESTOCK.**

***ALL OTHER USES:* DO NOT GRAZE TREATED AREAS OR CUT FOR STOCK FOOD FOR 14 DAYS AFTER APPLICATION.**

***EXPORT SLAUGHTER INTERVAL (ESI):* AN EXPORT SLAUGHTER INTERVAL IS NOT REQUIRED WHEN USED AS DIRECTED.**

**GENERAL INSTRUCTIONS**

Imtrade Carfentrazone-ethyl 240 EC Herbicide is an emulsifiable concentrate formulation and is to be mixed with water and applied as per the labelled Directions for Use.

Imtrade Carfentrazone-ethyl 240 EC Herbicide is a post-emergence herbicide to be added to knockdown herbicides to improve the control of certain broadleaf weeds including marshmallow prior to establishment of fallows, winter and summer broadacre and horticultural crops, marshmallow control in grass pastures, in commercial, industrial and public service areas, around agricultural buildings, yards and other farm situations or in treefruits, nuts and grapevines. Imtrade Carfentrazone-ethyl 240 EC Herbicide can be used alone with a suitable adjuvant for control of volunteer cotton including Roundup Ready cotton. It can also be used for desiccation of regrowth in cotton.

Imtrade Carfentrazone-ethyl 240 EC Herbicide is a fast acting contact herbicide and aids in control of weeds through a process of membrane disruption. The foliar uptake of Imtrade Carfentrazone-ethyl 240 EC Herbicide is rapid and plant desiccation can occur within 4 days of application. Application of Imtrade Carfentrazone-ethyl 240 EC Herbicide should target small actively growing weeds. Subsequent germinations will not be controlled.

**SYMPTOMS**

Imtrade Carfentrazone-ethyl 240 EC Herbicide is rapidly absorbed through the foliage of plants. Within a few hours following application, the foliage of susceptible weeds shows signs of desiccation, and in subsequent days necrosis and death of the plant.

Extremes in environmental conditions e.g. temperature and moisture, soil conditions and/or cultural practices may affect the activity of Imtrade Carfentrazone-ethyl 240 EC Herbicide. Under warm moist conditions, herbicide symptoms may be accelerated. While under very dry conditions, the expression of herbicidal symptoms is delayed, and weeds hardened off by drought are less susceptible to Imtrade Carfentrazone-ethyl 240 EC Herbicide.

## TIMING

### **Pre-crop, Volunteer Cotton and Marshmallow in grass pastures:**

Application should be made to small, actively growing weeds less than 6 to 8 leaf in stage. As Imtrade Carfentrazone-ethyl 240 EC Herbicide is a contact herbicide, best control is achieved when weeds are exposed and are not shielded by other weeds and/or stubble.

### **Cotton:**

If cotton re-growth occurs after the initial defoliation program, apply Imtrade Carfentrazone-ethyl 240 EC Herbicide to desiccate re-growth prior to harvest.

## MIXING

- Add half the required volume of water to spray tank and start agitation.
  - Add any partner SC or WG herbicide next, if it should be added, before an EC or knockdown herbicide.
  - Add the measured amount of Imtrade Carfentrazone-ethyl 240 EC Herbicide next, followed by the knockdown herbicide (if required).
  - Add balance of water to tank and
  - Add any adjuvant or additive if recommended for use with the knockdown herbicide or for use in grapevines or as suggested in the Critical Comments.
- Maintain good agitation at all times until spraying is completed.

**DO NOT** store spray mixture overnight.

## APPLICATION

**DO NOT** apply by aerial application except for cotton desiccation.

### **Ground Sprayers**

#### **Pre-crop, Volunteer Cotton and Marshmallow in grass pastures:**

Apply Imtrade Carfentrazone-ethyl 240 EC Herbicide as a broadcast application using a conventional boom sprayer with either mechanical or by-pass agitation.

Use single orifice flat fan nozzles such as Spraying Systems TeeJet® 11001, 110015, 11002 or equivalent sizes from other manufacturers or Spraying Systems TwinJet® twin flat spray tips TJ60-11002, TJ60-11003 or TJ60-11004 or equivalent sizes from other manufacturers.

**DO NOT** use 110-03 or bigger single orifice nozzles or TJ11006 or bigger twin orifice nozzles with Imtrade Carfentrazone-ethyl 240 EC Herbicide. **DO NOT** use floodjet, low drift or air induction nozzles, boomless jets or misters or controlled droplet application equipment.

Spray equipment should be properly calibrated to ensure correct and uniform application. Use a spray volume of 50 to 150L/ha (minimum 80L/ha for Volunteer cotton). Experience has shown that increasing spray volumes can improve weed control. Use the lowest pressure and boom height which provides uniform coverage. Use the higher volume if weed infestation is heavy and/or tall.

The best application conditions are when soil is moist, weather fine and rain unlikely within one hour or as specified for the knockdown herbicide.

Extremes in environmental conditions e.g. temperature and moisture, soil conditions and/or cultural practices may affect the activity of Imtrade Carfentrazone-ethyl 240 EC Herbicide. Under warm moist conditions, herbicide symptoms may be accelerated. While under very dry conditions, the expression of herbicidal symptoms is delayed, and weeds hardened off by drought are less susceptible to Imtrade Carfentrazone-ethyl 240 EC Herbicide.

## TIMING

### **Pre-crop, Volunteer Cotton and Marshmallow in grass pastures:**

Application should be made to small, actively growing weeds less than 6 to 8 leaf in stage. As Imtrade Carfentrazone-ethyl 240 EC Herbicide is a contact herbicide, best control is achieved when weeds are exposed and are not shielded by other weeds and/or stubble.

### **Cotton:**

If cotton re-growth occurs after the initial defoliation program, apply Imtrade Carfentrazone-ethyl 240 EC Herbicide to desiccate re-growth prior to harvest.

## MIXING

- Add half the required volume of water to spray tank and start agitation.
  - Add any partner SC or WG herbicide next, if it should be added, before an EC or knockdown herbicide.
  - Add the measured amount of Imtrade Carfentrazone-ethyl 240 EC Herbicide next, followed by the knockdown herbicide (if required).
  - Add balance of water to tank and
  - Add any adjuvant or additive if recommended for use with the knockdown herbicide or for use in grapevines or as suggested in the Critical Comments.
- Maintain good agitation at all times until spraying is completed.

**DO NOT** store spray mixture overnight.

## APPLICATION

**DO NOT** apply by aerial application except for cotton desiccation.

### **Ground Sprayers**

#### **Pre-crop, Volunteer Cotton and Marshmallow in grass pastures:**

Apply Imtrade Carfentrazone-ethyl 240 EC Herbicide as a broadcast application using a conventional boom sprayer with either mechanical or by-pass agitation.

Use single orifice flat fan nozzles such as Spraying Systems TeeJet® 11001, 110015, 11002 or equivalent sizes from other manufacturers or Spraying Systems TwinJet® twin flat spray tips TJ60-11002, TJ60-11003 or TJ60-11004 or equivalent sizes from other manufacturers.

**DO NOT** use 110-03 or bigger single orifice nozzles or TJ11006 or bigger twin orifice nozzles with Imtrade Carfentrazone-ethyl 240 EC Herbicide. **DO NOT** use floodjet, low drift or air induction nozzles, boomless jets or misters or controlled droplet application equipment.

Spray equipment should be properly calibrated to ensure correct and uniform application. Use a spray volume of 50 to 150L/ha (minimum 80L/ha for Volunteer cotton). Experience has shown that increasing spray volumes can improve weed control. Use the lowest pressure and boom height which provides uniform coverage. Use the higher volume if weed infestation is heavy and/or tall.

The best application conditions are when soil is moist, weather fine and rain unlikely within one hour or as specified for the knockdown herbicide.

Extremes in environmental conditions e.g. temperature and moisture, soil conditions and/or cultural practices may affect the activity of Imtrade Carfentrazone-ethyl 240 EC Herbicide. Under warm moist conditions, herbicide symptoms may be accelerated. While under very dry conditions, the expression of herbicidal symptoms is delayed, and weeds hardened off by drought are less susceptible to Imtrade Carfentrazone-ethyl 240 EC Herbicide.

### **Cotton:**

When desiccation cotton regrowth, use sufficient water to obtain complete coverage of all leaves i.e. at least 100L/ha. Good coverage should be obtained with three or more nozzles per row depending upon crop height and canopy density.

### **Knapsack, Pneumatic, Handgun sprayers:**

Apply Imtrade Carfentrazone-ethyl 240 EC Herbicide at the recommended rate of 1 mL/10L (10 mL/100L) in conjunction with labelled handgun rates of a knockdown herbicide in sufficient water to adequately and uniformly wet the foliage of the weeds being sprayed. A spray volume of 500L to 1000L will usually be sufficient but higher volumes may be required for dense taller vegetation.

### **Aerial Application (for Cotton Desiccation Only):**

Apply by fixed wing aircraft in a minimum of 30L/ha water and ensure thorough coverage. **DO NOT** exaggerate swath width.

### **SPRAYER CLEAN OUT – AFTER THE USE OF IMTRADE CARFENTRAZONE-ETHYL 240 EC HERBICIDE**

Thoroughly clean all spray equipment using the following procedure when you have finished spraying highly active materials such as Carfentrazone-ethyl.

In addition to the following procedure, ensure proper equipment clean-out for any other products mixed with Imtrade Carfentrazone-ethyl 240 EC Herbicide as specified on the other product labels.

### **IMPORTANT:**

**More complete cleaning can be achieved if the spray equipment is cleaned immediately following each use. Mix only as much herbicide spray solution as needed at a time.**

**DO NOT store the sprayer for extended period of time, especially overnight, with Imtrade Carfentrazone-ethyl 240 EC Herbicide spray solution remaining in tank, spray lines, spray boom plumbing, spray nozzles or strainers.**

### **Preparation of the Cleaning Solution:**

Prepare a spray equipment cleaning solution by mixing an alkaline detergent e.g. OMO® or SPREE® at a rate of 100g for every 100L of clean water used.

Upon completion of applying Imtrade Carfentrazone-ethyl 240 EC Herbicide and before spraying sensitive crops including **canola, pulses such as faba beans, lentils, other legumes and cotton:**

1. Fill the spray tank with sufficient cleaning solution to allow the operation of the spray system for a minimum of 15 minutes to thoroughly flush hoses, spray boom and spray nozzles **then fill the spray tank to capacity to ensure contact of the solution with all internal surfaces. Let the cleaning solution soak in tank, pump and spray lines overnight.**
2. Before further use of the sprayer, operate the spray system for 15 minutes, then completely drain the sprayer system. Rinse the tank with clean water and flush through the hoses, spray boom and spray nozzles.
3. If possible, spray a pesticide requiring an oil adjuvant e.g. Achieve and Supercharge, onto cereals as a further means of removing possible residues of Imtrade Carfentrazone-ethyl 240 EC Herbicide before spraying sensitive crops.

4. Immediately prior to commencement of spraying a sensitive crop, purge the boom lines by operating the spray system onto a fence line or waste area for sufficient time to remove any solution that has been residing in the spray lines. **This is also recommended for subsequent tank loads or if the sprayer has been left standing for a period of time containing spray solution.**
5. If storing equipment for more than 48 hours, preferred practice is to clean spray equipment as outlined above allowing to soak overnight, drain and flush with fresh water and lave fresh water in the spray tank, hoses and spray booms until next use. This water must be drained from the spray boom and lines and flushed out with clean water before beginning any application to a sensitive crop.

Properly dispose of ally cleaning solution and rinsate safely in accordance with Federal, State and Local regulations and guidelines.

**DO NOT** apply sprayer cleaning solutions or rinsate to sensitive crops.

Should small quantities of Imtrade Carfentrazone-ethyl 240 EC Herbicide remain in inadequately cleaned mixing, loading and/or spray equipment, they may be released during subsequent applications potentially causing effects to sensitive crops and other vegetation.

**The above method is only effective if the cleaning solution comes into contact with every surface or contact point that may contain even minute Carfentrazone-ethyl residues.**

#### **COMPATIBLITIY**

For most uses as per the Directions for Use, Imtrade Carfentrazone-ethyl 240 EC Herbicide should always be tank mixed with formulations of knockdown herbicides including Imtrade Eradicator Herbicide or other products based on Glyphosate, Imtrade Para-Trooper Herbicide, Imtrade Spraykill 250 Herbicide, Imtrade Cease Herbicide, or other knockdown herbicides based on Paraquat and Glufosinate. Imtrade Carfentrazone-ethyl 240 EC Herbicide is also compatible with partner herbicides commonly used with knockdown herbicides including Atrazine, Dicamba, 2,4-D Amine, 2,4-D Ester, Mandate, Pendimethalin, Simazine, Trifluralin.

This compatibility claim is restricted to a three-way mix of Imtrade Carfentrazone-ethyl 240 EC Herbicide with any one of the above partner herbicides plus a knockdown herbicide (provided the knockdown herbicide label includes a claim of compatibility with that partner herbicide). Imtrade Carfentrazone-ethyl 240 EC Herbicide is compatible with non-ionic surfactants (wetting agents) such as Imtrade Wetter 1000 and with oil adjuvants including Supercharge® and Imtrade Pronto Spray Adjuvant.

Imtrade Carfentrazone-ethyl 240 EC Herbicide can also be mixed with the insecticides Bifenthrin, Imidan®, Imtrade Omen 290 Insecticide, Imtrade Dictate Duo 100 Insecticide.

#### **RESISTANT WEEDS WARNING**

<b>GROUP</b>	<b>14</b>	<b>HERBICIDE</b>
--------------	-----------	------------------

Imtrade Carfentrazone-ethyl 240 EC Herbicide is a member of the Aryl triazoline group of herbicides. Its Mode of Action (MoA) is through a process of membrane disruption, which is initiated by the inhibition of the enzyme protoporphyrinogen oxidase. This inhibition interferes with the chlorophyll biosynthetic pathway. For weed resistance management, Imtrade Carfentrazone-ethyl 240 EC Herbicide is a Group **14** Herbicide.

Some naturally occurring weed biotypes resistant to Imtrade Carfentrazone-ethyl 240 EC Herbicide and other Group **14** Herbicide may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if Imtrade Carfentrazone-ethyl 240 EC Herbicide or other Group **14** Herbicide are used repeatedly. These resistance weeds will not be controlled by Imtrade Carfentrazone-ethyl 240 EC Herbicide or other Group **14** Herbicides.

Since the 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 Carfentrazone-ethyl 240 EC Herbicide to control resistant weeds.

Since the 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 Carfentrazone-ethyl 240 EC Herbicide to control resistant weeds.

### **CROP PLANT BACK & ROTATION RECOMMENDATIONS**

Imtrade Carfentrazone-ethyl 240 EC Herbicide does not provide residual activity, therefore no crop plant back or rotational restrictions apply. However, check the label of any product mixed with Imtrade Carfentrazone-ethyl 240 EC Herbicide, to determine any plant back periods or restrictions on use.

### **RE-ENTRY**

**DO NOT** allow entry into treated areas until the spray has dried, unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow-length PVC gloves. Clothing must be laundered after each days use.

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

**DO NOT** apply under weather conditions, or from spray equipment, which may cause spray drift onto nearby susceptible plants, adjacent crops, or pastures, or onto wetlands, waterbodies or watercourses.

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

**Highly toxic to algae and aquatic plants.**

**DO NOT** contaminate streams, rivers or waterways with Imtrade Carfentrazone-ethyl 240 EC Herbicide or used containers.

### **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 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. **DO NOT** burn empty containers and product.

## SAFETY DIRECTIONS

Will irritate the eyes and skin. Avoid contact with eyes and skin. When opening the container and preparing spray, wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow-length PVC gloves and face shield or goggles. When using the prepared spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow-length PVC gloves. 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 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 in eyes wash out immediately with water.

### **Additional GHS Hazard & Precautionary Statements**

- Combustible liquid;
- May cause respiratory irritation;
- May cause genetic defects;
- May damage the unborn child;
- Very toxic to aquatic life with long lasting effects;
- Keep away from heat, sparks, open flames and hot surfaces – No smoking;
- **DO NOT** get on clothing;
- Wash contacted areas thoroughly after handling;
- If exposed or concerned: Get medical advice;
- If skin irritation occurs: Get medical advice;
- If eye irritation persists: Get medical advice;
- Collect spillage;
- In case of fire, use carbon dioxide, dry chemical, foam, water fog;
- 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 from Imtrade Australia Pty Ltd website at [www.imtrade.com.au](http://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.

® Other Company Registered Trademarks

<b>UN 3082</b>	<b>ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (contains CARFENTRAZNE-ETHYL)</b>
	In a Transport Emergency Dial <b>000</b>
	In a Transport Emergency
<b>PG III</b>	<b>HAZCHEM ●3Z</b>



APVMA Approval No: 70372/125986