

# POISON

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

# JASPER<sup>®</sup> 520

## SELECTIVE HERBICIDE

ACTIVE CONSTITUENT: 520 g/L HALOXYFOP  
present as the haloxyfop-R methyl ester



GROUP

1

HERBICIDE

**For the post-emergent control of a wide range of annual and perennial grass weeds in grain legume and oilseed crops, lucerne, medic and clover pasture and seed crops, forestry, bananas, citrus, grapes, pineapples, pome and stone fruit, pyrethrum, tropical fruit and nut crops as specified in the Directions For Use table**

**IMPORTANT: READ THE ATTACHED LEAFLET/BOOKLET BEFORE USE.**

**CONTENTS: 10L**

**UPL Australia Pty Ltd  
Level 3, 70 Hindmarsh Square,  
Adelaide, SA, 5000  
Tel: (08) 8112 0900  
Fax: (08) 8112 0999**



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**Tel: (08) 8112 0900 Fax: (08) 8112 0999**  
**STORAGE AND DISPOSAL**

Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight. Do not store near feedstuffs, fertilisers or seeds.

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 to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm 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.

This container can be recycled if it is clean, dry, free of visible residues and has the drumMUSTER logo visible. Triple-rinse container for disposal. Dispose of rinsate by adding it to the spray tank. Do not dispose of undiluted chemical 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 drumMUSTER collection or similar container management program site. The cap should not be replaced, but may be taken separately.

#### SMALL SPILL MANAGEMENT

Wear protective equipment (see SAFETY DIRECTIONS). Apply absorbent material such as earth, sand, cat litter or clay granules to the spill. When absorption is complete, sweep up material and contain in a refuse vessel for disposal (see STORAGE AND DISPOSAL section). If necessary wash the spill area with an alkali detergent and water and absorb this wash liquid for disposal as directed above.

#### SAFETY DIRECTIONS

Harmful if swallowed. Will irritate the eyes and skin. Avoid contact with eyes and skin. When preparing the spray wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC gloves and face shield or goggles. After each day's use, wash gloves, face shield or goggles and contaminated clothing. Wash hands after use.

#### FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

#### SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet, which is available from the supplier.

#### CONDITIONS OF SALE

UPL Australia Pty Ltd accepts responsibility for the consistent quality of the product; however since the use and application of the product is beyond control, the company accepts no responsibility whatsoever for any loss, damage or other result following the use of the product whether used in accordance with directions or not; other than those mandatorily imposed by statutes, the liability is limited to the replacement of the goods and is conditional upon a claim made in writing and, where necessary, a sufficient part of the goods being returned for proper examination by the company within thirty days of sale.

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

Wash hands, face and all exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product.

In an Emergency Dial <b>000</b> Police or Fire Brigade	24 Hour Emergency Response Service Australia <b>1800 033 111</b> International <b>+61 3 9663 2130</b>
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**BATCH NO**

**DOM**



APVMA Approval No: 84051/135732

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**DIRECTIONS FOR USE****RESTRAINTS**

**DO NOT** apply to weeds which may be stressed (not actively growing) due to prolonged periods of extreme cold, moisture stress (waterlogged or drought affected), poor nutrition or previous herbicide treatment as reduced levels of control may result.

**DO NOT** spray if rain is likely to occur within one hour.

**Table 1a. Winter crops – Canola, Chickpeas, Faba beans, Field peas, Lentils, Linola, Linseed, Lupins, Lucerne, Vetch, Medic and Clover pastures or seed crops**

Weeds Controlled	Weed Growth Stage	Rate (mL/ha)		Critical Comments
		With Uptake <sup>1</sup> Spraying Oil	With non-ionic wetter <sup>1</sup>	
Annual Ryegrass	2 to 4 leaf	75	100	<b>CANOLA, LINOLA AND LINSEED</b> DO NOT apply after the 8 leaf stage of the crop. DO NOT apply after the commencement of stem elongation. This means that application must not occur after the 8 leaf stage, or if stem elongation commences before the 8 leaf stage, application must not occur after stem elongation has commenced.
	Early tillering	100	100	
Barley Grass Brome grass Paradoxa grass Volunteer cereals	2 to 4 leaf	50	75	DO NOT apply more than 1 application of herbicide containing haloxyfop per crop. DO NOT apply after grazing. <sup>1</sup> See <b>GENERAL INSTRUCTIONS</b> , Spraying oils/wetters section.
	Early tillering	75	100	
Wild Oats WA, SA, Vic, Tas, southern & central NSW	2 to 4 leaf	37.5	50	<b>FIELD PEAS AND CANOLA:</b> The only oil recommended for use with Jasper 520 is Uptake* Spraying Oil. Jasper 520 + Clopyralid 750 SG + Uptake* Spraying Oil are compatible and selective to canola. This tank-mix is also compatible with atrazine and selective to triazine tolerant canola.
	Early tillering	50	75	
Wild Oats northern NSW & Qld	2 to 4 leaf	50	75	<b>LUPINS AND FIELD PEAS:</b> Mixtures with Diflufenican 500 g/L or Simazine may cause crop yellowing and separate applications are recommended.  <b>CHICKPEAS, FABA BEANS, LENTILS AND VETCH, LINOLA, LINSEED:</b> Broadleaf herbicides should not be added to Jasper 520. Apply Jasper 520 and broadleaf herbicides at least a week apart.  <b>LUCERNE, CLOVER OR MEDIC PASTURES:</b> If grazed or cut for hay immediately prior to treatment delay application until all grasses have fully expanded leaves. Use 75 mL + spraying oil or 100 mL + wetter/ha. (See <b>GENERAL INSTRUCTIONS</b> , Spraying Oils/wetters section). If silver grass ( <i>Vulpia</i> spp.) is present in pasture, Simazine should be tank mixed with the higher rate of Jasper 520 plus a non-ionic wetter.
	Early tillering	75	100	

**Table 1b. Winter crop growth stage application windows**

Crop	Crop Growth Stage
Lucerne, Medic and Clover pastures or seed crops.	Apply from 2 <sup>nd</sup> trifoliolate leaf onwards. For <i>Erodium</i> spp spraying, apply from cotyledon crop stage onwards.
Canola, Linola and Linseed	Apply from 2 leaf to 8 leaf stage of crop growth. DO NOT apply after the commencement of stem elongation. This means that application must not occur after the 8 leaf stage, or if stem elongation commences before the 8 leaf stage, application must not occur after stem elongation has commenced.
Chickpeas, Faba beans, Field peas, Lentils, Lupins, Vetch	Apply from 2 <sup>nd</sup> leaf, 2 <sup>nd</sup> node or 2 <sup>nd</sup> branch to prior to flowering.

**Table 2a. Lucerne, Medic and Clover seed crops and pastures. See Table 1b for crop stages.**

Weeds Controlled	Weed Growth Stage	Rate (mL/ha) with Uptake <sup>1</sup> Spraying Oil	Critical Comments
Prairie grass ( <i>Bromus catharticus</i> )	Up to early tillering	100	<p><b><sup>1</sup> See GENERAL INSTRUCTIONS, Spraying oils/wetters section.</b></p> <p><sup>2</sup> Use lower rate when growing conditions and crop or pasture competition are good and when weed populations are below 100 plants/m<sup>2</sup>. Use the higher rate when weed populations are above 100 plants/m<sup>2</sup> or when crop or pasture competition is poor.</p> <p><b>NOTE:</b> Storksbill may not be controlled if Simazine or Flumetsulam are tank-mixed with Jasper 520 Selective Herbicide.</p> <p><b>LUCERNE, CLOVER OR MEDIC PASTURES</b> If grazed or cut for hay immediately prior to treatment delay application until all grasses have fully expanded leaves. Use 75 mL + spraying oil or 100 mL + wetter/ha. (See GENERAL INSTRUCTIONS, Spraying oils/wetter section). If Silver grass (<i>Vulpia</i> spp.) is presented in pasture, Simazine should be tank mixed with the higher rate of Jasper 520 Selective Herbicide plus a non-ionic wetter.</p>
Musky or ferny leaf Storksbill: ( <i>Erodium moschatum</i> ) Common Crowsfoot or Common Storksbill ( <i>Erodium cicutarium</i> )	Up to 6 leaf or 5 cm diameter	50 – 75 <sup>2</sup>	
Long or shiny leaf Storksbill ( <i>E. botrys</i> )	Up to 8 leaf or 5 cm diameter	75 - 100	

**Table 2b. Lucerne, Medic and Clover seed crops only – not to be used for stockfeed. See Table 1b for crop stages**

Weeds Controlled	Weed Growth Stage	Rate (mL/ha) with Uptake <sup>1</sup> Spraying Oil	Critical Comments
Couch grass (suppression), Rhodes grass (control)	Tillering seedlings	150 + 150 <sup>4</sup>	<sup>4</sup> For best suppression of couch or control of Rhodes grass, make 2 applications of Jasper 520 Selective Herbicide 2-4 weeks apart. Time second application to coincide with tillering stage of weeds and just after irrigation or significant rain.
Couch grass (control), Rhodes grass (control)	Established stands	400 – 800	Only treat actively growing weeds, which are not moisture stressed. Use these rates for control of couch and Rhodes grass.

**Table 3a. Summer Crops – Cotton, Cowpea, Lucerne, Mung bean, Navy beans, Peanuts, Soybeans, Sunflowers**

Weeds Controlled	Weed Growth Stage	Rate (mL/ha) with Uptake <sup>1</sup> Spraying Oil	Critical Comments
Australian millet	2 leaf to tillering up to 15 cm	150	<sup>1</sup> See <b>GENERAL INSTRUCTIONS</b> , Spraying oils/wetters section.
Barnyard grass	2 to 5 leaf	100	
	Tillering up to 15 cm	150	
Crowsfoot grass Green Panic grass Johnson grass (Rhizome)	2 leaf to tillering up to 15 cm	150	<p><b>NAVY BEAN, PEANUTS, SOYBEANS</b></p> <p>For broadleaf weed control, Jasper 520 Selective Herbicide at 150 ml/ha plus wetter may be tank mixed with Blazer<sup>®</sup> (except on Navy beans) or Bentazone 480 g/L. Tank mixes may cause transient leaf spotting on the crop but do not normally affect yield.</p> <p><b>DO NOT</b> tank mix broadleaf herbicides with Jasper 520 Selective Herbicide if grasses have begun tillering or if the grasses are under moisture stress.</p> <p><b>DO NOT</b> add Uptake Spraying Oil when mixing with Blazer or Bentazone 480 g/L.</p> <p><b>DO NOT</b> use Blazer or Bentazone 480 g/L tank-mixes on Cowpea.</p>
Johnson grass (seedling)	2 to 5 leaf	100	
Liverseed grass (seedling)	Tillering up to 15 cm	150	
Mossman River grass			
Summer grass	2 leaf to tillering up to 15 cm	150	
Volunteer cereals	2 to 4 leaf	100	
	Tillering up to 15 cm	150	

**Table 3b. Summer crop growth stage application windows**

Crop	Crop Growth Stage
Lucerne	Apply from 2 <sup>nd</sup> trifoliolate leaf onwards
Cowpea, Mung beans, Navy beans, Soybeans	Apply from 2 <sup>nd</sup> leaf to flowering
Peanuts	Apply from 2 <sup>nd</sup> leaf to pegging
Cotton	Apply from 2 <sup>nd</sup> leaf to before the onset of flowering
Sunflowers	Apply from 2 <sup>nd</sup> leaf to head initiation

**Table 4. Annual and Perennial grasses and *Erodium* spp. In Orchard, Vine, and Plantation crops, Forestry and Pyrethrum**

Crop	Crop Growth Stage	Weeds Controlled	Weed Growth Stage	Rate (mL/ha) with Uptake <sup>1</sup> Spraying Oil	Critical Comments
Orchard, Vine and plantation  Crops including: Apples, Avocado, Banana, Blueberry, Citrus, Custard apple, Feijoa, Grapevines, Guava, Kiwifruit, Litchi (Lychee), Longan, Mango, Nashi, Nut trees, Passionfruit, Paw Paw, Pear, Persimmon, Pineapple, Rambutan, Stone Fruit	All growth stages	Perennial grasses, Couch, Rhodes grass, Slender Rats Tail grass	Established stands	400 - 800	<b><sup>1</sup> See GENERAL INSTRUCTIONS</b> , Spraying oils/wetters section.  Spray should be directed to the base of the tree or vine avoiding contact with fruit and foliage.  <b>Spot spray:</b> Use 25 mL to 50 mL/100 L of water. Use higher rate on late tillering mature grasses.  <b>Annual Grasses:</b> Where treated in association with perennial grasses, these annual grasses will be controlled.
		Buffel grass, Green panic, Johnson grass, Kikuyu, <i>Paspalum</i> spp, <i>Setaria</i> spp	Vegetative to early tillering	200	
		<b>Annual grasses;</b> Annual ryegrass, Barley grass, Barnyard grass, Brome grass, Crowsfoot grass, Lesser Canary grass, Liverseed grass, Mossman river grass, Paradoxa grass, Summer grass, Volunteer cereals, Wild Oats	Late tillering	400	
<b>Forestry:</b> <i>Pinus radiata</i> , <i>Eucalyptus</i> spp.			2 leaf to tillering	200	
<b>Forestry:</b> <i>Pinus pineaster</i>		Annual grasses as above	Vegetative to tillering	125 - 250	<b>Forestry:</b> For annual grasses apply lowest rate to newly emerged grasses, increasing the rate as they develop.
<b>Pyrethrum</b>		Barley grass, Brome grass, rope Twitch, barnyard grass, <i>Erodium</i> spp, Volunteer cereals	Vegetative to tillering	100 - 250	<b>Pyrethrum (Tasmania only)</b> For <i>Erodium</i> spp apply 75-100 mL/ha if the main weed is <i>E. botrys</i> . Use 50-75 mL/ha if either <i>E. cicutarium</i> or <i>E. moschatum</i> are the main weeds.

**Table 5. Jasper 520 Selective Herbicide and Clethodim Herbicide 240 g/L tank mixes – Canola, Chickpeas, Faba beans, Field peas, Lupins, Lentils**

Weeds Controlled	Weed Growth Stage	Rate (mL/ha)		Critical Comments
		Jasper 520 Selective Herbicide	Clethodim Herbicide 240 g/L	
<b>FOP/DIM susceptible Annual ryegrass</b> + Volunteer barley, Volunteer wheat, Brome grass, Wild Oats, Barley grass, Phalaris	2 to 4 leaf	25	150	<b>See GENERAL INSTRUCTIONS, Spraying oils/wetters section.</b>
	Early tillering	38	150	
<b>FOP resistant Annual ryegrass</b> + Volunteer barley, Volunteer wheat, Brome grass, Wild Oats, Barley grass, Phalaris	2 to 4 leaf	25	200	Use Uptake Spraying Oil at 500 mL/100 L or Hasten at 1 L/100 L.  Apply at the same crop growth stages as those in Table 1b Winter Crops.  <b>Lentils:</b> Apply up to 7 node-early branching crop growth stage only.  <b>Lupins:</b> Not for Qld.
	Early tillering	38	250	

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

#### **WITHHOLDING PERIODS**

##### **HARVEST**

Canola, chickpeas, cotton, cowpea, faba beans, field peas, lentils, linola, linseed, lupins, mung beans, navy beans, orchard crops, peanuts, plantation crops, soybeans, sunflowers, vetch or vine crops: **NOT REQUIRED WHEN USED AS DIRECTED FOR**

Medic and clover seed crops: **DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION**

##### **STOCK FOOD**

Canola, chickpeas, cotton, cowpea, faba beans, field peas, lentils, linola, linseed, lupins, mung beans, navy beans, peanuts, soybeans, sunflowers and vetch: **DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 28 DAYS AFTER APPLICATION**

Lucerne: **DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 21 DAYS AFTER APPLICATION**

Medic and clover pasture: **DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION**

**COTTON GIN TRASH MUST NOT BE FED TO ANIMALS**

## GENERAL INSTRUCTIONS

### MIXING

- Add water to the spray tank to 10 cm above the level of agitation and ensure the agitation device is working vigorously. (There must be a minimum of 100 L of water in the tank before any pesticide is added).
- If tank mixing, firstly add any soluble liquid formulations (e.g. Clopyralid 300 g/L Herbicide) and allow agitation for approximately 1 minute.
- Then add Jasper 520 Selective Herbicide at the point where agitation is strongest (do not add Jasper 520 Selective Herbicide through a strainer or sieve). Allow further agitation for 1 minute.
- Half fill spray tank.
- If using wettable powder or water dispersible granules, or other emulsifiable concentration formulations (e.g. Chlorpyrifos 750 WG or Le-Mat), these should be added after the Jasper 520 Selective Herbicide to the half full spray tank ensuring vigorous agitation.
- Finally add Uptake Spraying Oil or approved alternate spraying oil/wetter (see section on spraying oils/wetters) and continue filling the tank to the required volume maintaining agitation at all times.
- Only mix sufficient solution for immediate use. Jasper 520 Selective Herbicide and any other tank mixes should be applied immediately for best results.

### Spraying Oils/Wetters

**Spraying Oils:** It is essential to add an adjuvant to Jasper 520 Selective Herbicide. Best results will be achieved with Uptake Spraying Oil at 0.5 L/100 L of spray solution. Alternatively, other oils plus non-ionic wetter may be used. When other crop spraying oils are used, mix at 1 L/100 L and add a non-ionic wetter (surfactant) at 200 mL/100 L of spray solution. Use of an oil is not always recommended. See Critical Comments for specific situation recommendations.

**Non-Ionic Wetters:** When Uptake or other oils are not used, a 100% concentrate non-ionic wetting agent such as BS-1000 at 200 mL/100 L must be used along with the higher rate of Jasper 520 Selective Herbicide as specified in the Directions for Use. Where water volumes of less 50 L/ha are used, DO NOT use less than 250 mL/ha of Uptake or 500 mL/ha for oils other than Uptake or less than 100 mL/ha of wetter.

### CANOLA, LUCERNE, MEDIC AND CLOVER PASTURES AND SEED CROPS

When tank mixing Jasper 520 Selective Herbicide with Clopyralid 300 g/L herbicides (canola only) or Flumetsulam 800 g/kg (lucerne, clover and medics), use Uptake Spraying Oil with lower rates of Jasper 520 Selective Herbicide or a wetting agent with the higher rates of Jasper 520 Selective Herbicide unless otherwise specified. When mixing Jasper 520 Selective Herbicide with other broadleaf herbicides on these crops, DO NOT use an oil; use a wetter instead.

### FIELD PEAS AND CANOLA

The oil recommended is Uptake Spraying Oil. Hasten is also recommended for use with tank-mixtures of Jasper 520 Selective Herbicide and Clethodim 240 g/L herbicides.

For canola, Jasper 520 Selective Herbicide + Clopyralid 750 SG + Uptake Spraying Oil are compatible and selective to canola. This tank-mixture is also compatible with atrazine or simazine and selective to triazine tolerant canola.

### NAVY BEANS, PEANUTS AND SOYBEANS

When mixing with Blazer or Bentazone 480 g/L DO NOT add spraying oil to these mixtures. DO NOT use these tank-mixtures on cowpeas.



## APPLICATION

Apply Jasper 520 Selective Herbicide in sufficient water to obtain good coverage. It should be applied by an accurately calibrated ground rig or aircraft delivering droplets with a VMD of 200-300 microns.

The following spray volumes are recommended;

Ground Application: 50-150 L/ha

Aerial application: 30 L/ha minimum

Use higher water volumes in orchards and in dense crops where the weeds may be shielded by the crop canopy.

## CLEANING SPRAY EQUIPMENT

### Before using Jasper 520 Selective Herbicide:

If broadleaf herbicides, particularly sulfonyleureas, have been used in the spray equipment at any time prior to the use of Jasper 520 Selective Herbicide. Particular care should be taken to follow the directions on the relevant broadleaf herbicide label for equipment cleaning, or damage to susceptible crops may occur.

### After using Jasper 520 Selective Herbicide:

Empty the tank and drain the whole system. Thoroughly wash inside the tank using a pressure hose, drain the tank and clean filters in the tank, pump line and nozzles.

**To rinse:** After cleaning the tank as above, quarter fill the tank with clean water and circulate through the pump, lines hoses and nozzles. Drain and repeat the rinsing procedure twice.

**To decontaminate:** Before spraying cereals, maize, sorghum or other sensitive crops, wash the tank and rinse the system as above. Then quarter fill the tank and add an alkali detergent (e.g. SURF, Cold Water SURF Concentrate, DynamoMatic Concentrate, OMO or Drive) at 500 mL/100 L of water or the powder equivalent at 500 g/100 L of water, and circulate throughout the system for at least fifteen minutes. Drain the whole system. Remove filters and nozzles and clean separately. Finally flush the system with clean water and allow to drain. Chlorine based cleaners are not recommended.

**Rinse water should be discharged onto a designated disposal area, or if this is unavailable, onto unused land away from desirable plants and water sources.**

## RESISTANT WEEDS WARNING

<b>GROUP</b>	<b>1</b>	<b>HERBICIDE</b>
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Jasper 520 Selective Herbicide is a member of the aryloxyphenoxypropionate group of herbicides. Jasper 520 Selective Herbicide has the acetyl CoA carboxylase inhibitor mode of action. For weed resistance management, Jasper 520 Selective Herbicide is a Group 1 herbicide. Some naturally occurring weed biotypes resistant to Jasper 520 Selective Herbicide and other Group 1 herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by Jasper 520 Selective Herbicide or other Group 1 herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, UPL Australia Pty Ltd accepts no liability for any losses that may result from the failure of Jasper 520 Selective Herbicide to control resistant weeds. Strategies to minimise the risk of herbicide resistance are available. Contact your farm chemical supplier, consultant, local Department of Agriculture, or Primary industries, or local UPL representative.

## **COMPATIBILITY**

### **Ground Use Only**

Jasper 520 Selective Herbicide can be tank mixed with:

**Insecticides:** dimethoate, endosulfan, Chlorpyrifos 500 EC, Chlorpyrifos 750 WG, omethoate

**Herbicides:** Atrazine, Bentazone 480 g/L, Blazer, Flumetsulam 800 g/kg, Clopyralid 300 g/L, Clopyralid 750 SG, MCPA Ester (LVE) – (Do not exceed 700 mL/ha of MCPA LVE), Oryzalin, Clethodim 240 g/L, Simazine, Fluroxypyr

**Fungicides:** Mancozeb 750 g/kg

**Trace elements:** magnesium sulphate, zinc sulphate

Jasper 520 Selective Herbicide is not compatible with 2,4-D or MCPA as sodium or amine salts.

### **Aerial Use**

No product other than a recommended crop oil or wetter should be mixed with Jasper 520 Selective Herbicide when applied by air except for the addition of Clopyralid 750 g/kg for use in forestry and Clopyralid 750SG for use in canola only.

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

Jasper 520 Selective Herbicide damages cereals and grasses.

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

Cereal crops or grasses planted within twelve weeks of application may be damaged by the residual effects of Jasper 520 Selective Herbicide, particularly on light and red soils.

## **PROTECTION OF LIVESTOCK**

DO NOT graze or cut treated crops for stock food except as specified under withholding periods.

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

Toxic 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 cool, well-ventilated area. Do not store for prolonged periods in direct sunlight. Do not store near feedstuffs, fertilisers or seeds.

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 to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm 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.

This container can be recycled if it is clean, dry, free of visible residues and has the drumMUSTER logo visible. Triple-rinse container for disposal. Dispose of rinsate by adding it to the spray tank. Do not dispose of undiluted chemical 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 drumMUSTER collection or similar container management program site. The cap should not be replaced, but may be taken separately.

## **SMALL SPILL MANAGEMENT**

Wear protective equipment (see SAFETY DIRECTIONS). Apply absorbent material such as earth, sand, cat litter or clay granules to the spill. When absorption is complete, sweep up material and contain in a refuse vessel for disposal (see STORAGE AND DISPOSAL section). If necessary wash the spill area with an alkali detergent and water and absorb this wash liquid for disposal as directed above.

## **SAFETY DIRECTIONS**

Harmful if swallowed. Will irritate the eyes and skin. Avoid contact with eyes and skin. When preparing the spray wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC gloves and face shield or goggles. After each day's use, wash gloves, face shield or goggles and contaminated clothing. Wash hands after use.

## **FIRST AID**

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

## **SAFETY DATA SHEET**

Additional information is listed in the Safety Data Sheet, which is available from the supplier.

## **CONDITIONS OF SALE**

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

Wash hands, face and all exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product.

APVMA Approval No: 84051/135732

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