

POISON

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

Trio Bromoxynil MCPA 200 EC Herbicide

ACTIVE CONSTITUENTS:

200 g/L BROMOXYNIL present as the octanoate

200 g/L MCPA present as the ethyl hexyl ester

SOLVENT:

343 g/L LIQUID HYDROCARBON

GROUP	4 6	HERBICIDE
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**For the control of weeds in wheat, oats, barley, cereal rye,
triticale, linseed, grass pastures and turf as per the
Directions for Use**

IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USE

Contents: 5L - 1000L

CTS Chemicals Pty Ltd. ABN 22 605 759 644
Manning Buildings, 135 High Street Mall
Fremantle WA 6160 Australia
Phone 1800 749 140

STORAGE AND DISPOSAL

(5L, 20L, 200L only)

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 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.

For refillable containers (1000L only)

Store the closed container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight. 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 inhaled or swallowed. Attacks the eyes and will irritate the skin. Avoid contact with eyes and skin. DO NOT inhale spray mist. When preparing the spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist, a washable hat and 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 or 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 INSTRUCTIONS

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.

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet that can be obtained from the supplier.

CONDITIONS OF SALE

CTS Chemicals Pty. Ltd. makes no warranty or guarantee and will not accept any responsibilities whatsoever and howsoever arising and whether for consequential, special or indirect loss or otherwise in connection with the supply, storage or use of these goods other than responsibility for the merchantable quality of the goods and such responsibilities mandatory imposed by Statutes applicable to the sale or supply of these goods. Always read the product labels on the container for all instructions, recommendations, critical comments and conditions of sale.

APVMA Approval No: 90631/129637

Batch No:

DOM:

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DIRECTIONS FOR USE

RESTRAINTS:

DO NOT spray if weeds are wilted by dry or cold weather or if crops are at a susceptible stage, or if rain is likely in 4 hours.

DO NOT apply if frosts are imminent.

DO NOT apply to diseased or frost-affected crops or turf.

Crop Situation	Weeds Controlled	Stage of Weed Growth	State	Rate /ha	Critical Comments
Wheat, Barley, Cereal Rye, Oats and Triticale, Linseed, Grass Pastures	Amsinckia (<i>Amsinckia</i> spp.), Capeweed (<i>Arctotheca calendula</i>), Chamomile (<i>Matricaria matricarioides</i>), Charlock (<i>Sinapis arvensis</i>), Corn Gromwell (Ironweed, Sheepweed) (<i>Buglossoides arvensis</i>), Fat Hen (<i>Chenopodium album</i>), Field Madder (<i>Sherardia arvensis</i>), Hexham Scent (King Island Melilot) (<i>Melilotus indica</i>), Horned Poppy (<i>Glaucium flavum</i>), Indian hedge mustard (<i>Sisymbrium orientale</i>), Lesser Swinecress (<i>Coronopus didymus</i>), Mexican Poppy (<i>Argemone ochroleuca</i>), Mintweed (<i>Salvia reflexa</i>), Paterson's Curse (Salvation Jane) (<i>Echium plantagineum</i>), Rough Poppy (<i>Papaver hybridum</i>), Saffron Thistle (<i>Carthamus lanatus</i>), Shepherd's Purse (<i>Capsella bursa-pastoris</i>), Slender Thistles (<i>Carduus tenuiflorus</i> , <i>C. pycnocephalus</i>), Tree Hogweed (<i>Polygonum patulum</i>), Turnip Weed (Giant Mustard) (<i>Rapistrum rugosum</i>), Wild Radish (<i>Raphanus raphanistrum</i>), Wild Turnip (<i>Brassica tournefortii</i>).	Plants up to 6 leaf stage but not more than 50 mm in diameter	WA only	750mL	<u>CROP STAGE:</u> Wheat, Barley, Cereal Rye, Oats and Triticale: 3 leaf to fully tillered stage (Zadoks Scale Z13-30) for rates of 750mL to 1.4L/ha; 5 leaf to fully tillered stage (Z15-30) for rate of 2.0L/ha (NSW, VIC, SA, WA, TAS, ACT only); or early tillering to fully tillered stage (Z21-30) (QLD only). Linseed: 50 to 150 mm high. DO NOT apply to linseed by aircraft. For optimal control, apply only when the weeds are actively growing. In the early stages following spraying, temporary wilting of crop and pasture may occur. Crop scorch may occur, particularly on oats, if treatment is delayed to later stages of growth. Refer to the General Instructions. Avoid application when maximum daily temperatures above 20°C occur or are likely to occur for a few days after application. DO NOT apply to crops or pastures undersown with lucerne, clover or medics unless some damage is acceptable. * If spraying Black bindweed when wheat, barley, cereal rye, oats, triticale or linseed is more than 300mm high, increase spray volume to 200 L/ha.
		Plants up to 8 leaf stage but not more than 75 mm in diameter	QLD, NSW, VIC, TAS, SA, NT & ACT only	1.4L	
				2.0L	
			WA only	1.4L	
	Black Bindweed* (Climbing Buckwheat) (<i>Polygonum convolvulus</i>), Common Peppergrass (<i>Lepidium africanum</i>), Mustards (<i>Sisymbrium</i> spp.), Purple Calandrinia (<i>Calandrinia menziesii</i>)	Plants up to the 4 leaf stage but not more than 35 mm in diameter		1.0L	(comments as above)

Crop Situation	Weeds Controlled	Stage of Weed Growth	State	Rate /ha	Critical Comments
		Plants up to 6 leaf stage but not more than 50 mm in diameter	All States	1.4L	
		Plants up to the 8 leaf stage but not more than 75 mm in diameter		2.0L	
	Fumitory (<i>Fumaria spp.</i>), Three cornered Jack (Doublegee, Spiny Emex) (<i>Emex australis</i>).	Plants up to the 3 leaf stage but not more than 50 mm in diameter	QLD, NSW, VIC, SA, TAS, ACT only	1.4L	CROP STAGE: Wheat, Barley, Cereal Rye, Oats and Triticale: 3 leaf to fully tillered stage (Zadoks Scale Z13-30) for rates of 750mL to 1.4L/ha; 5 leaf to fully tillered stage (Z15-30) for rate of 2.0L/ha (NSW, VIC, SA, WA, TAS, ACT only); or early tillering to fully tillered stage (Z21-30) (QLD only). Linseed: 50 to 150 mm high. DO NOT apply to linseed by aircraft. For optimal control, apply only when the weeds are actively growing. In the early stages following spraying, temporary wilting of crop and pasture may occur. Crop scorch may occur, particularly on oats, if treatment is delayed to later stages of growth. Refer to the General Instructions. Avoid application when maximum daily temperatures above 20°C occur or are likely to occur for a few days after application. DO NOT apply to crops or pastures undersown with lucerne, clover or medics unless some damage is acceptable. ** Where Wireweed (Hogweed) occurs in red soils of low fertility, it has been found to be less susceptible. In these circumstances use 2.0 L/ha.
		Plants up to the 4 leaf stage but not more than 60 mm in diameter	WA only	750mL	
		Plants up to the 5 leaf stage but not more than 75 mm in diameter	QLD, NSW, VIC, SA, TAS, NT, ACT only	2.0 L	
		Plants up to the 6 leaf stage but not more than 85 mm in diameter	WA only	1.4L	
	Variegated Thistle (<i>Silybum marianum</i>), Wireweed (Hogweed)** (<i>Polygonum aviculare</i>),	Plants up to the 4 leaf stage but not more than 35 mm in diameter		750mL	

Crop Situation	Weeds Controlled	Stage of Weed Growth	State	Rate /ha	Critical Comments
	Mountain Sorrel (<i>Oxalis acetosella</i>), Three-horned Bedstraw (<i>Gallium tricomutum</i>)	Plants up to the 6 leaf stage but not more than 50 mm in diameter	QLD, NSW, VIC, TAS, SA, NT, ACT only	1.4L	
				2.0L	
				1.4L	
		Plants up to the 6 leaf stage		750mL	
		Plants up to the 8 leaf stage	WA only	1.4L	
	Cleavers (<i>Gallium aparine</i>)	2-4 stem stage and 1-3 whorls of leaves per stem		750mL	

Wheat, Barley, Cereal Rye, Oats and Triticale	Common sowthistle (<i>Sonchus oleraceus</i>)	Up to 4 leaves	Northern NSW and Qld only	1.4L	<p>Apply under good growing conditions. Avoid spraying when soil is dry. Do not spray under frosty conditions. In early stages following spraying, temporary wilting of the crop may occur. Avoid application when maximum daily temperatures above 20°C occur, or are likely to occur for a few days after application. DO NOT apply to crops or pastures undersown with lucerne, clover or medics unless some damage is acceptable.</p> <p>Crop Stages: Wheat, Barley, Oats, Triticale:</p> <p>3 leaf to fully tillered stage (Zadoks Scale Z13-30). Use as early as possible to avoid shading of weeds by the crop. Strictly for use on small weeds early in crop before shading out. If Group B resistance is suspected, or weeds have grown through a previous application of chlorsulfuron apply 2.1L/ha. Use a minimum spray volume of 70L/ha.</p>
		4 to 8 leaves		2.1L	
Turf, Established Couch (incl. Queens-land Blue), Kikuyu, Paspalum Buffalo, Fescue, Bent & Rye grass	Bindi-eye, Jo-Jo (Onehunga), Cudweed, Dandelion, Catsear, Plantains, Thistles, Oxalis, Capeweed, Creeping Buttercup, Fleabane, Clover (not Tas.)		All states	300mL /100L water or 60mL /100m ²	Apply evenly over the area to be treated. Do not mow turf for 2 days after treatment.

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

WITHHOLDING PERIODS

DO NOT HARVEST, GRAZE OR CUT FOR STOCK FOOD FOR 8 WEEKS AFTER APPLICATION

GENERAL INSTRUCTIONS

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

MIXING

To ensure even mixing, half fill spray tank with clean water and add the required amount of this product. Agitate thoroughly, and then add the remainder of the water. Agitate again before spraying commences.

APPLICATION

DO NOT use rain-drop or air-induction nozzles, as coverage of weeds may not be adequate.

Boom Sprayer: Calibrate the machine before use to ensure that the correct application rate is obtained. Check height of boom above the crop to ensure that the spray is evenly distributed.

Cereals: Apply 50 to 200 litres of water per hectare. A minimum of 160 litres and preferably 200 litres of water per hectare is recommended where the weed infestation is heavy or the crop cover is dense or when tank-mixing with diclofop-methyl herbicide. Complete coverage of weeds is essential.

Linseed: Apply a minimum of 220 litres of water per hectare.

Turf: Apply a minimum of 500 litres of water per hectare.

Aerial Application: Apply a minimum of 22 litres of water per hectare or 30 litres of water per hectare if tank mixing with diclofop-methyl herbicide. Markers should always move upwind before aircraft passes overhead. Application by Micronair equipment may give variable results.

EQUIPMENT MAINTENANCE

After use wash application thoroughly with equipment cleaner and rinse with clean water several times.

COMPATIBILITY

This product is physically compatible in the spray tank with one of the following herbicides and insecticides in wheat and barley only:

metsulfuron-methyl, dicamba, tralkoxydim, diclofop-methyl, MCPA, dimethoate, chlorpyrifos and omethoate.

When mixed with metsulfuron or dicamba, do not apply to cereals undersown with lucerne. When mixed with diclofop-methyl, do not exceed 1.4 Litres per hectare. Observe all instructions on the mixture partner label. As formulations of other manufacturer's products are beyond the control of CTS Chemicals Pty Ltd, all mixtures should be tested prior to mixing commercial quantities.

RESISTANT WEEDS WARNING

GROUP	4 6	HERBICIDE
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Trio Bromoxynil MCPA 200 EC Herbicide is a member of both the nitrile and phenoxy groups of herbicides. Trio Bromoxynil MCPA 200 EC Herbicide has both the inhibition of photosynthesis at Photosystem II and disruption of plant cell growth modes of action. For weed resistance management Trio Bromoxynil MCPA 200 EC Herbicide, is a Group 4 and Group 6 herbicide. Some naturally occurring weed biotypes resistant to Trio Bromoxynil MCPA 200 EC Herbicide and other Group 4 and Group 6 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 this product of Group 4 and Group 6 herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, CTS Chemicals Pty Ltd accepts no liability for any losses that may result from the failure of Trio Bromoxynil MCPA 200 EC Herbicide to control resistant weeds.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT apply under weather conditions or from spray equipment that may cause spray to 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. DO NOT apply by misting machines.

NOTE: Maximum daily temperatures at or above 20°C at application, or on days following treatment, may result in seedling mortality and established plants may be damaged.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Dangerous to fish. Do not contaminate streams, rivers or waterways with the chemical or used containers.

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 thistle predominate 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.

STORAGE AND DISPOSAL

(5L, 20L, 200L only)

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

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For refillable containers (1000L only)

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SAFETY DIRECTIONS

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Additional information required under the Globally Harmonised System (GHS) classification of the substance/mixture:

Harmful if swallowed. Harmful in contact with skin. Harmful if inhaled. Causes serious eye irritation. May cause an allergic skin reaction. Suspected of causing cancer. Suspected of damaging fertility or the unborn child. May be fatal if swallowed and enters airways.

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. IF exposed or concerned: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Wash with plenty of water and soap. Call a doctor if you feel unwell. Take off all contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a doctor if you feel unwell. IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell. Rinse mouth. IF SWALLOWED: Immediately call a doctor. Do NOT induce vomiting. Store locked up.