

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

MACSPRED®

Sulfomac™
750 WG**Herbicide**

ACTIVE CONSTITUENT: 750 g/kg SULFOMETURON METHYL

GROUP B HERBICIDEFor the control of certain annual and perennial grasses and broadleaf weeds in commercial and industrial areas;
around agricultural buildings and rights of way as per Directions for Use.**IMPORTANT: READ THIS LEAFLET BEFORE USE.**

APVMA Approval No: 63764/1208

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*Macspred Registered Trademark

90 mm

90 mm

90 mm

DIRECTIONS FOR USE

RESTRAINTS

DO NOT apply Sulfomac 750 to drainage ditches and channels.

DO NOT apply Sulfomac 750 during periods of intense rainfall, or to soils saturated with water, as off-target movement may occur.

DO NOT store tank mixes of Sulfomac 750 with other materials for more than 24 hours as product breakdown may occur.

DO NOT store a suspension of Sulfomac 750 for more than 2 days as it may degrade, particularly in acid solutions.

FOR ALL STATES

SITUATION	WEEDS	RATE
		Boom g/ha
Commercial & Industrial Areas, around Agricultural buildings, Rights-of-Way including road sides, around guide-posts, rail-ways, power lines and telephone lines.	<p><u>Easy-to-kill Annual Weeds</u></p> <p>Grasses - Annual Ryegrass, Barnyard grass, Summer grass/Crab grass, Wild Oats, and Winter grass.</p> <p>Broadleaves - Blue Billygoat Weed, Capeweed, Corkscrew/Erodium, Paterson's Curse/Salvation Jane, Subterranean Clover and Turnip Weed</p> <p><u>Easy-to-Kill Perennial Weeds</u></p> <p>Grasses - Prairie grass</p> <p>Broadleaves - Dandelion, Dock, White Clover</p>	200 or 400

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RATE		CRITICAL COMMENTS
Handgun g/100 L	Knapsack g/15 L	
20 or 40	3 or 6	<p>For roadside applications confine treatment to the area between the edge of the bitumen and the roadside shoulder. For weeds advanced beyond the 4-leaf stage or when more rapid knockdown is required, tank mix with Glyphosate Herbicide in accordance with its label recommendations. Always add a surfactant - except when tank mixing with Glyphosate Herbicide.</p> <p>Use the higher rate for longer term residual control.</p> <p>Use the higher rate plus Glyphosate Herbicide (in accordance with its label recommendations), for dense weed infestations and where weeds are greater than 15 cm in height or diameter.</p> <p>For handgun or knapsack application, apply the spray evenly to the required area. Spray to wet the foliage of the weeds present, but not excessively so as to cause run-off. Over application may reduce knockdown results and significantly increase period of residual control.</p>

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SITUATION	WEEDS	RATE
		Boom g/ha
Commercial & Industrial Areas, around Agricultural buildings, Rights-of-Way including road sides, around guide-posts, rail-ways, power lines and telephone lines.	<u>Hard-to-kill Annual Weeds</u> Grasses - Rat's Tail Fescue, Squirrel Tail Fescue. Broadleaf - Black Thistle/Spear Thistle	200 or 400
	<u>Hard-to-Kill Perennial Weeds</u> Grasses - African Lovegrass, Columbus grass, Couch, Elastic grass, Guinea grass, Johnson grass, Kikuyu, Paspalum and Phalaris.	400 or 800

RATE		CRITICAL COMMENTS
Handgun g/100 L	Knapsack g/15 L	
20 or 40	3 or 6	For roadside applications confine treatment to the area between the edge of the bitumen and the roadside shoulder. Always tank mix with Glyphosate Herbicide in accordance with its label directions - a surfactant is not required. Use the higher rate plus Glyphosate Herbicide (in accordance with its label recommendations), for dense weed infestations and where weeds are greater than 15 cm in height or diameter. Use the higher rate for longer term residual control. For handgun or knapsack application apply the spray evenly to the required area. Spray to wet the foliage of the weeds present, but not excessively so as to cause run-off. Over application may reduce knockdown results and significantly increase period of residual control.
40 or 80	6 or 12	

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

**WITHHOLDING PERIOD
NOT REQUIRED WHEN USED AS DIRECTED**

GENERAL INSTRUCTIONS

Sulfomac 750 is a soil residual herbicide with some knockdown action. It controls susceptible weeds through both post-emergence and pre emergence (residual) action. Sulfomac 750 may be applied pre-emergence or post-emergence to the weeds; best results are obtained if application is made before or during the early stages of weed growth.

Adequate soil moisture is required for Sulfomac 750 to be activated so it can provide optimum weed control. Under limited rainfall conditions, Sulfomac 750 may not provide satisfactory control of hard-to-kill annuals and perennial weeds.

The higher use rates give longer term residual control. The degree of control and duration of effect will vary with the rate of application, soil texture, organic matter content, soil pH, rainfall and other environmental conditions.

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As soil pH increases the rate of Sulfomac 750 breakdown decreases so that longest term residual control is obtained on alkaline soils. As soil moisture increases the rate of Sulfomac 750 breakdown increases, so that longest term residual control is obtained when rainfall is low. As soil organic matter content increases the rate of Sulfomac 750 breakdown increases, so that longest term residual control is obtained in low organic matter soils.

RESISTANT WEEDS WARNING

GROUP B HERBICIDE

Sulfomac 750 is a member of the sulfonylurea group of herbicides. Sulfomac 750 has the ALS inhibitor mode of action. For weed resistance management Sulfomac 750 is a Group B herbicide.

Some naturally-occurring weed biotypes resistant to Sulfomac 750 and other ALS inhibitor herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the

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weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by Sulfomac 750 or other ALS inhibitor herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, Macspred Pty Ltd accepts no liability for any losses that may result from the failure of Sulfomac 750 to control resistant weeds.

Strategies to minimise the risk of herbicide resistance are available. Consult your farm chemical supplier, consultants, local Department of Agriculture or Primary Industries, or local Macspred representative.

Spray Preparation

Sulfomac 750 is a dry flowable formulation to be mixed with water and applied as a spray. Partially fill the spray tank with water. Using the graduated measuring cylinder provided, measure the amount of Sulfomac 750 required for the area to be sprayed. DO NOT shake the Sulfomac 750 down as the measuring cylinder is graduated for Sulfomac 750 in an uncompacted state. Add the correct amount of Sulfomac 750 to the spray tank with the agitation system engaged. Top up to the correct volume with water.

THE MATERIAL MUST BE KEPT IN SUSPENSION AT ALL TIMES BY CONTINUOUS AGITATION.

(NB: The measuring cylinder provided is graduated in grams of Sulfomac 750 ONLY. DO NOT use for measuring other materials.)

In tank mixes, Sulfomac 750 must be in suspension before adding the companion herbicide or surfactant.

Where prepared spray solutions have been allowed to stand, thoroughly reagituate before using.

Use of Surfactant

Always add a non-ionic surfactant at the rate of 0.25% v/v (eg BS 1000 at 250 ml/100 L) when Sulfomac 750 is used alone. When Sulfomac 750 is tank mixed with Glyphosate Herbicide, no surfactant addition is necessary.

Spraying Equipment

DO NOT apply by aerial application equipment or mist spray application equipment.

Boom Spray

Sulfomac 750 is recommended for application by ground spraying equipment only. Use a boom spray (or off-centre nozzle if necessary) properly calibrated to a constant speed and rate of delivery to ensure thorough coverage and a uniform spray pattern and rate of application over the area to be treated.

Apply a minimum of 50 L prepared spray/ha.

Handgun/Knapsack

Wet the foliage of the weeds present but not excessively so as to cause run-off. Handgun - Use 1000-2000 litres of spray mix per hectare. Sulfomac 750 residues in the spray tank can damage sensitive plants. Following an Sulfomac 750 application the spray tank should not be used for other than non-crop applications.

Compatibility

Sulfomac 750 is compatible with diuron, bromacil, Kromac®, glyphosate and Hexmac®.

Sprayer Cleanup

Sulfomac 750 residues in the spray tank can damage sensitive plants. It is recommended that a sprayer be dedicated to the use of Sulfomac 750. Where equipment is also used for crop spraying, it is particularly important that all traces of Sulfomac 750 be removed from mixing and spraying equipment immediately after spraying. The recommended sprayer cleanup is as follows:-

1. Drain tank, then flush tank, boom, filters and hoses with clean water for a minimum of 10 minutes.
2. Fill the tank with clean water and add 300 mL chlorine bleach (containing 4% chlorine) per 100 L water. Flush through boom, filters and hoses, then allow to sit for 15 minutes with agitation engaged, then drain.
3. Repeat Step 2.
4. Nozzles and screens should be removed and cleaned separately. To remove traces of chlorine bleach, rinse the tank thoroughly with clean water and flush through boom, filters and hoses.

CAUTION: DO NOT use chlorine bleach with ammonia.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT apply to drainage ditches (including roadside ditches and table drains) and channels as some of the chemical may wash away in drainage water and be deposited in areas where it may cause damage to desirable trees and other plants.

DO NOT apply under weather conditions, or from spraying equipment, that may cause spray to drift onto nearby susceptible plants/crops, cropping lands, pastures, or onto agricultural land scheduled to be planted to crops or pastures, as injury to the crop or pasture may occur.

PROTECTION OF LIVESTOCK

DO NOT graze treated areas or cut for stock food.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT apply or drain or flush equipment on or near desirable trees or other plants, or on areas where their roots extend, or in locations where the chemical may be washed or moved into contact with their roots.

DO NOT contaminate any body of water by spraying, cleaning of equipment, disposal of waste, or run-off from treated areas. If accidental contamination does occur, the water must not be used for irrigation.

STORAGE AND DISPOSAL

During storage keep from contact with fertilisers, other pesticides and seeds. Store in the closed original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight.

Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on-site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

SAFETY DIRECTIONS

Avoid contact with eyes and skin. DO NOT inhale dust. Wash hands after use.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 13 11 26).

MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet (MSDS) which is available from the supplier.

NOTICE TO BUYER

To the extent permitted by law all conditions and warranties and statutory or other rights of action which buyer or any other user may have against Macspred or Seller are hereby excluded. Macspred hereby gives notice to buyer and other users that it will not accept responsibility for any indirect or consequential loss arising from reliance on product information or advice provided by Macspred or on its behalf unless it is established that such information or advice was provided negligently and that the product has been used strictly as directed. Macspred's liability shall in all circumstances be limited to replacement of the product or a refund of the purchase price paid therefor.

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