

Product Name: Prizm Industrial Herbicide
APVMA Approval No: 89240/124100



Label Name:	Prizm Industrial Herbicide
Signal Headings:	CAUTION KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
Constituent Statements:	ACTIVE CONSTITUENTS: 880 g/kg TERBACIL 40 g/kg SULFOMETURON METHYL
Mode of Action:	GROUP B C HERBICIDE
Statement of Claims:	For the control of certain annual and perennial weeds in certain situations as per the directions for use table.
Net Contents:	NET 1 kg (Contains 10 x 100 g measure packs) 5 kg (Contains 5 x 1 kg measure packs)
Restrains:	Restrains DO NOT use on leached sandy soils, low in organic matter. DO NOT use when intense rainfall is likely or on soils saturated with water as off target movement may occur. DO NOT store the mixed product overnight as settling out may occur.
Directions for Use:	This section contains file attachment.
Other Limitations:	

Withholding Periods:	WITHHOLDING PERIOD DO NOT CUT OR GRAZE FOR STOCK FOOD ANY TREATED VEGETATION
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Trade Advice:	
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General Instructions:	<p>GENERAL INSTRUCTIONS</p> <ul style="list-style-type: none"> - When applying to fence lines, it should be noted that some desirable species may be damaged or controlled where their root systems extend into the area treated. It is advisable to notify and consult with neighbours before treating boundary fences. Only apply to fence lines where some damage to adjacent pasture species is acceptable. - When applying this product to yards and gravel areas, leave a 1 m buffer on the boundaries to avoid damage. - Use the lower rate when applying this with a boom spray or as a spot or strip treatment to hard/compacted surfaces and to roadsides where run-off is likely to occur into sensitive areas. - As soil organic matter increases, the rate of herbicide breakdown increases. Thus, the longest residual control is obtained in soils with low organic matter. - Use lower rates in soils with low organic matter. - Band spray or strip spray in soils low in organic matter. - Apply a 5 m buffer to areas where a surface flow of water could wash the chemical into drains. - Best results are achieved by applying to moist soil. Avoid water logged or soils near to saturation. - Avoid application in extreme / extended dry periods prior to intense rainfall adjacent to sensitive areas as surface run off may occur. - For further information contact your nearest Prizm representative. <p>Handgun</p> <ul style="list-style-type: none"> - Apply Prizm Industrial Herbicide with a water volume of approximately 1000 L per hectare for handgun applications. - This product is a soil residual with some knockdown. It controls susceptible weeds through both post-emergence and pre-emergence (residual action). - Best results are obtained if this product is applied to bare ground or to small weeds (up to 10 cm in height or diameter). The product should be applied to actively growing weeds which are not stressed by factors such as moisture (drought or waterlogging), frost etc. - For dense weed infestations and where weeds are greater than 10 cm in height and diameter, add a glyphosate formulation registered for the purpose (in accordance with label recommendations). - This product is a water dispersible formulation that mixes readily in water. - Sufficient moisture is required after treatment to enable root absorption by the weed species. - The degree of control and duration of effect will vary with the soil texture, organic matter content, soil pH and rainfall. - As soil pH increases, the rate of herbicide breakdown decreases so that on soils with a high pH the efficacy on weeds may be higher (over time) than on soils with a lower pH. - As soil organic matter increases, the rate of herbicide breakdown increases so that longest residual control is obtained in soils with low organic matter. - Do not apply during periods of intense rainfall or under conditions which will cause drift or movement to non-target areas. <p>Boom Spray (Commercial and Industrial Areas)</p> <ul style="list-style-type: none"> - When using Prizm Industrial Herbicide 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 100 L prepared spray/ha.
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- When using a flat fan nozzles select a nozzle designed to reduce drift and provide larger sized droplets and 110 degree fan angle (ASAE S572).
- When spraying using offset nozzles select nozzles that produce larger sized droplets at the lowest pressure and the correct width.
- Use no finer than 100 mesh filters.
- Clean spray equipment immediately after use.

CLIMATIC CONDITIONS GUIDELINES

- Spray when the wind is steady 3 to 12 km/h.
- Spray when the wind direction is away from sensitive areas.
- Spray when the Delta T is between 2 and 8 and no greater than 10.
- Avoid spraying:
 - in gusty or blustery wind conditions
 - when inversion conditions exist
 - in an unstable atmosphere
 - in calm conditions
- Record and check weather conditions at regular intervals.

Loading, Application and Equipment

Prizm Industrial Herbicide is a wettable formulation. The product is mixed with water and applied at the recommended rates by handgun application or boom (see directions for use tables).

The product is contained in pre-measured dosages. The contents of the "water soluble bag" should be mixed with 100 L water using the following method:

1. Partially fill the spray tank with water.

For 1 kg (10 x 100 g) Pack Size:

2. Add the appropriate number of water soluble bags (these are in pre-measured 1000 m2 doses).

For 5 kg (5 x 1 kg) Pack Size:

2. Add the appropriate number of water soluble bags (these are in pre-measured 1 hectare doses).

3. With the agitation system engaged, top up to the correct volume with water.

The material should be kept in suspension at all times by continuous agitation.

To prevent nozzle blockage, strainer and screens should be 100 mesh or coarser.

Sprayer Cleanup

Residues in the spray tank can damage sensitive plants. It is recommended that a sprayer be dedicated to the use of herbicides which are used to control weeds in industrial situations. 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.

Resistance Warning:

RESISTANT WEEDS WARNING

GROUP B C HERBICIDE

This product is a member of the uracil and sulfonylurea group of herbicides. This product has the inhibitors of acetolactate synthase and inhibitors of photosynthesis at Photosystem II mode of action. For weed resistance management, this product is a Group B C herbicide.

	<p>Some naturally occurring weed biotypes resistant to this product and other Group B C 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 or other Group B C herbicides.</p> <p>Since the occurrence of resistant weeds is difficult to detect prior to use, Indigo Speciality Products accepts no liability for any losses that may result from the failure of this product to control resistant weeds.</p>
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Precautions:	
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Protections:	<p>PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS</p> <p>Prizm Industrial Herbicide can affect desirable plants if not correctly applied. Follow the instructions given.</p> <p>This product can be safely used within the root zone of established Eucalyptus spp. and Corymbia spp. See Tree Tolerance.</p> <ul style="list-style-type: none"> - DO NOT apply or drain or flush equipment on or near susceptible trees or other plants, or on areas where their roots may extend. As guidance, this is twice their height or more depending on the species and other conditions. See Tree Tolerance. - DO NOT spray foliage or use on eroded areas, where sub-soil or tree roots are exposed, as injury to trees may result. - DO NOT apply under meteorological conditions or from equipment which could be expected to cause drift of this product or spray mix into adjacent areas, particularly wetlands, water bodies or water courses. - DO NOT apply under weather conditions, or from spraying equipment, that may cause spray to drift onto nearby susceptible plants/crops, cropping lands or pastures. See Tree Tolerance. - DO NOT apply in intense rainfall. - DO NOT broadcast apply to bare ground on slopes exceeding 30% (~15 degree). <p>TREE TOLERANCE</p> <ul style="list-style-type: none"> - Field trials and use experience have indicated that the major forestry tree species are tolerant to Prizm Industrial Herbicide when applied at label rates. For further tree tolerance information, contact your Prizm representative or conduct a small-scale tolerance test. - In some instances when Prizm is applied near small trees, stunting may occur. This is usually short lived and a full recovery is expected in the next growing season. - This stunting can be attributed to a prolonged dry period, pH, organic matter and rate selection. - Therefore rate selection should suit soil and other conditions. - Avoid spraying over any tree species as damage to growth tip may occur. <p>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT</p> <ul style="list-style-type: none"> - DO NOT use in irrigation channels or in drains including roadside ditches and table drains or in areas where water is likely to flow. If required, establish spray buffer zones. Review State regulation and statutory requirements. E.g. General Buffers 20 m; Permanent Streams 10 m; Temporary Stream and Drainage Line 10 m. - DO NOT empty equipment in the above situations. - DO NOT use on leached, sandy soils, low in organic matter. - Dangerous to aquatic life. DO NOT contaminate streams, rivers or waterways with the chemical or used containers. - DO NOT apply to waterlogged or saturated soil. <p>PROTECTION OF LIVESTOCK</p> <ul style="list-style-type: none"> - Keep stock away from treated areas.
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Storage and Disposal:	<p>STORAGE AND DISPOSAL</p> <p>During storage keep from contact with fertilisers, other pesticides and seeds.</p>
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	<p>Store in the closed original container in a well ventilated area, as cool as possible but out of direct sunlight.</p> <p>Do not dispose of undiluted chemicals on site. Do not burn empty packaging or product. Outer cardboard carton may be recycled.</p>
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Safety Directions:	<p>SAFETY DIRECTIONS</p> <p>Avoid contact with eyes and skin. Do not inhale dust. When preparing spray, wear face shield or goggles. Wash hands after use.</p>
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First Aid Instructions:	<p>FIRST AID</p> <p>If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766.</p>
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First Aid Warnings:	
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DIRECTIONS FOR USE FOR ALL STATES

METHOD OF APPLICATION

– HANDGUN APPLICATION

CROP AND SITUATION	WEEDS CONTROLLED	RATE Per 100L water	CRITICAL COMMENTS
Commercial and Industrial areas including around building lines, rights of way, roadsides, guideposts, powerlines and substations, aerodromes, public utilities and fencelines.	ANNUALS Capeweed (<i>Arctotheca calendula</i>), Annual Ryegrass (<i>Lolium rigidum</i>), White Clover (<i>Trifolium repens</i>) Geranium (<i>Geranium sp.</i>) Milk Thistle (Sow) (<i>Sonchus oleraceus L.</i>) HARD TO KILL PERENNIALS Fog grass (<i>Holcus lanatus</i>)	1 x 100 g "water soluble" bag	Apply to weeds less than 10 cm in height or diameter. Use with Glyphosate (in accordance with its label recommendations), for dense weed infestations and where weeds are greater than 10 cm in height and diameter. Apply this product with a water volume of approximately 1000 litres per hectare.

– BOOM SPRAY APPLICATION (COMMERCIAL AND INDUSTRIAL AREAS)

CROP AND SITUATION	WEEDS CONTROLLED	RATE Per ha	CRITICAL COMMENTS
Commercial and Industrial areas, including around building lines, rights of way, roadsides, guideposts, powerlines and substations, aerodromes, public utilities, fence lines	ANNUALS Capeweed (<i>Arctotheca calendula</i>), Annual Ryegrass (<i>Lolium rigidum</i>), White Clover (<i>Trifolium repens</i>) Geranium (<i>Geranium sp.</i>) Milk Thistle (Sow) (<i>Sonchus oleraceus L.</i>) HARD TO KILL PERENNIALS Fog grass (<i>Holcus lanatus</i>)	500 g or 1 kg/ha	Apply to weeds less than 10 cm in height or diameter. Use with Glyphosate (in accordance with its label recommendations), for dense weed infestations and where weeds are greater than 10 cm in height and diameter. Apply this product with a water volume of 100 litres per hectare. Use the higher rate for dense weed infestation. Use the lower rate when retreating areas with minimal regrowth. Use buffer areas from 1 to 5 m where chemical creep is not acceptable.

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