# CAUTION

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

# MACSPRED
# TRIMAC™ INDUSTRIAL HERBICIDE

**ACTIVE CONSTITUENTS: 880 g/kg TERBACIL**
**40 g/kg SULFOMETURON METHYL**

| GROUP | B C | HERBICIDE |
|---|---|---|

For the control of certain annual and perennial weeds in certain situations as per the directions for use table.

## NET 1kg
## Contains10 X 100g measure packs which it is illegal to sell separately

MACSPRED PTY LTD
A.B.N.85 011 029 495
Lot 22 Kennedy's Drive
DELACOMBE VIC 3350
Tel: 03 53 358522

™ Macspred Trademark

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| GROUP | B C | HERBICIDE |
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For the control of certain annual and perennial weeds in certain situations as per the directions for use table.

## NET 5 kg
## Contains 5 X 1kg measure packs which it is illegal to sell separately

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A.B.N.85 011 029 495
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**GENERAL INSTRUCTIONS**

**HandGun**

- Apply this product with a water volume of approximately 1000 litres per hectare for handgun applications.
- Macspred Trimac™ Industrial Herbicide 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 Glymac Dri 700 or other glyphosate formulations 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.

**Boom Spray (Commercial and Industrial Areas)**

- When using Macspred Trimac™ 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.
- When using a flat fan nozzles select a nozzle designed to reduce drift and provide larger sized droplets and $110^0$ fan angle.
- 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**

Macspred Trimac™ 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 100L water using the following method:

1. Partially fill the spray tank with water
2. Add the appropriate number of water soluble bags (these are in pre-measured 1000 $m^2$ doses or larger bags for hectare application).
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.

**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.
Some naturally occurring weed biotypes resistant to this product and Group BC 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 BC herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Macspred Pty Ltd accepts no responsibility for any losses that may result from the failure of this product to control resistant weeds.

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

- Macspred Trimac™ Industrial Herbicide can affect desirable plants if not correctly applied. Follow the instructions given.
- This product can be safely used within the root zone of established *Eucalyptus spp. & Corymbia spp* See tree tolerance.
- 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.
- When applying this product to yards and gravel areas leave a 1m 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 5m buffer to areas where a surface flow of water could wash the chemical into drains.
- Only apply Trimac™ to fence lines where some damage to adjacent pasture species is acceptable.
- As Trimac™ needs moist soils for incorporation, 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.
- **DO NOT** drain or flush equipment on or near desirable 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.
- **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 broad acre apply to bare ground on slopes exceeding 30% (~15°).
- For further information contact our nearest Macspred representative.

**TREE TOLERANCE**

- Field trials and use experience have indicated that the major forestry tree species are tolerant to Macspred Trimac™ when applied at label rates. For further tree tolerance information, contact your Macspred representative or conduct a small-scale tolerance test.
- In some instances when Trimac™ 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 overspray all tree species as damage to growth tip dominance/damage may occur.

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

- If required Establish spray buffers zones. Review State regulation and statutory requirements. Eg. General Buffers 20 m- Permanent Streams 10 m, Temporary Stream and Drainage Line 10 m.
- DO NOT use in irrigation channels or in drains including roadside ditches and table drains or in areas where water is likely to flow.
- 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 water-logged or saturated soil.

**PROTECTION OF LIVESTOCK**

- Keep stock away from treated areas. As some noxious weeds may become palatable.

**STORAGE AND DISPOSAL AND PROTECTION OF OTHERS**

During storage keep from contact with fertilisers, other pesticides and seeds.
Store in the closed original container in a well ventilated area, as cool as possible but out of direct sunlight.
Do not dispose of undiluted chemicals on site. Product should not be burnt. Outer cardboard carton may be recycled.

**RECOMENDED MIXING ORDER.**

1. DF, WG Dry Glyphosate and Macspred Clomac. (Dry products)
2. Allow some mixing time.
3. Add Trimac.
4. Add antifoaming agent if required.
5. Top up with water.
6. Add other liquids.
7. Add surfactants last.

**COMPATIBILITY**

Compatibility and spray tests have be conducted on the following products. Trimac product may be mixed with the following products only:

**Companion Products**

- *Glyphosate formulations.* (Macspred Glymac 450 Glyphosate, Glyphosate 450 and 360 Formulations, Ripper 480 Glyphosate, Macspred Glymac Dri 700 Glyphosate, Macpherson's Bi Dri 700 Glyphosate, Macspred Bi Dri 700 Glyphosate only)
- *Metsulfuron Methyl* (DuPont Brush Off ® and Macspred Metmac)
- *Clopyralid* (Macspred Clomac)
- *Surfactants and additives SST Brushwet, DuPont Input ®, Miller NuFilm P, Exit, Miller Foam Fighter Anti Foam -K, Miller Mist* Controller and Uptake Oil only

**Non Companion Products**

- *540 Glyphosate formulations, Roundup Powermax*

For an updated list of compatible products with Trimac™. Contact your nearest Macspred Australian representative or conduct a small jar test for compatibility.

**SAFETY DIRECTIONS**

Avoid contact with eyes and skin. Do not inhale dust. When preparing spray, wear face shield or goggles. Wash hands after use.

**FIRST AID**
If poisoning occurs, contact a doctor or Poisons Information Centre (TEL 131126).

**MATERIAL SAFETY DATA SHEET**
Additional information is listed in the Material Safety Data Sheet (MSDS) which can be obtained from the supplier.

**NOTICE TO BUYER**
To the extent permitted by law, all conditions and warranties and statutory or other rights or 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.

## DIRECTIONS FOR USE

Restraints - 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.

METHOD OF APPLICATION – HANDGUN APPLICATION
FOR ALL STATES

| 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<br>Capeweed (*Arctotheca calendula*), Annual Ryegrass (*Lolium rigidum*), White Clover (*Trifolium repens*)<br>Geranium (*Geranium sp*.)<br>Milk Thistle (*Sow*) (*Sonchus oleraceus L*.)<br><br>HARD TO KILL PERENNIALS<br>Fog grass (*Holcus lanatus*) | 1 x 100 g "water soluble" bag | Apply to weeds less than 10cm in height or diameter.<br><br>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.<br>Apply this product with a water volume of approximately 1000 litres per hectare. |

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

**WITHHOLDING PERIOD – DO NOT CUT OR GRAZE FOR STOCK FOOD ANY TREATED VEGETATION**

| 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<br>Capeweed (*Arctotheca calendula*), Annual Ryegrass (*Lolium rigidum*), White Clover (*Trifolium repens*)<br>Geranium (*Geranium sp*.)<br>Milk Thistle (*Sow*) (*Sonchus oleraceus L*.)<br><br>HARD TO KILL PERENNIALS<br>Fog grass (*Holcus lanatus*) | 500 g or 1kg/ha | Apply to weeds less than 10cm in height or diameter.<br><br>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.<br>Apply this product with a water volume of 100 litres per hectare.<br>Use the higher rate for dense weed infestation.<br>Use the lower rate when retreat areas with minimal regrowth.<br>Buffer areas from 1 to 5m where Chemical creep is not acceptable. |

APVMA Approval No: 54812/51865
Date of Manufacture:
Batch No:

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**ACTIVE CONSTITUENTS:**
**880 g/kg TERBACIL**
**40 g/kg SULFOMETURON METHYL**

**NET: 100g**

**APVMA APPROVAL NO: 54812/51865**

**NOT TO BE SOLD SEPARATELY**

**BEFORE USE READ ALL DIRECTIONS ON THE OUTER PACK**

**WATER SOLUBLE PACKAGING. KEEP DRY.**

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**880 g/kg TERBACIL**
**40 g/kg SULFOMETURON METHYL**

## NET: 1 kg

**NRA APPROVAL NO: 54812/51865**

## NOT TO BE SOLD SEPARATELY

## BEFORE USE READ ALL DIRECTIONS ON THE OUTER PACK

## WATER SOLUBLE PACKAGING. KEEP DRY.

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