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

TITAN Hexazinone 750 SG Herbicide

ACTIVE CONSTITUENT: 750g/kg HEXAZINONE

GROUP C HERBICIDE

For the control of certain sedges, perennial grasses, broadleaf and woody weeds in Pinus radiata forests, and industrial weed control situations as per the Directions for Use.

IMPORTANT: READ THOROUGHLY BEFORE OPENING OR USING THIS PRODUCT.

APVMA Approval No.: 90042/127169 Net Contents: 1kg-15kg

TITAN AG Pty Ltd
15/16 Princes Street, Newport NSW 2106
Tel 02 9999 6655  Fax 02 9999 0483
www.titanag.com.au

IN A TRANSPORT EMERGENCY
DIAL 000
POLICE OR FIRE BRIGADE

UN. 3356
OXGEN GENERATOR,
CHEMICAL
HAZCHEM CODE 1[Y]
PACKAGING GROUP II

Oxidizing Agent
5.1
### DIRECTIONS FOR USE

#### GROUND AND AERIAL APPLICATION

**Pinus radiata plantations**

<table>
<thead>
<tr>
<th>SITUATION / CROP</th>
<th>WEEDS CONTROLLED</th>
<th>STATE</th>
<th>RATE / ha</th>
<th>CRITICAL COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PRE-PLANTING SITE PREPARATIONS – Pasture Sites</strong></td>
<td><strong>ANNUALS:</strong> Flatweeds, Rye grasses, C importantly.</td>
<td>QLD, NSW, ACT, VIC</td>
<td>2.5kg</td>
<td>Apply any time from March through to July. It is recommended to delay planting until planting lines become clearly visible, i.e. when effects of the product are evident. Machine planting is not recommended, as soil disturbance will reduce the residual activity. For best results on woody and hard-to-kill weeds, application should be made after weed emergence. <em>DO NOT apply surfactant/wetting agent when spraying over Pinus radiata trees.</em></td>
</tr>
<tr>
<td><strong>HARD-TO-KILL PERENNIALS:</strong> Wallaby Grass, Serrated Tussock, Sorrel, Dandelion, Kangaroo Grass (Suppression only)</td>
<td>Tasmania, South Australia, Western Australia</td>
<td>3.5-5kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>LIMITED ACTION PERENNIALS:</strong></td>
<td><strong>WOODY &amp; HARD-TO-KILL WEEDS:</strong> Bracken, Varnish Acacia (Acacia verniciflua), Sunshine Acacia (Acacia botrycephala), Silver Wattle (Acacia dealbata), Hop Goodenia (Goodenia ovata), Common Cassinia (Dogwood, VIC only) (Cassinia aculeata)</td>
<td>Tasmania, South Australia, Western Australia</td>
<td>5kg</td>
<td></td>
</tr>
<tr>
<td><strong>POST-PLANTING TREE RELEASE APPLICATION</strong></td>
<td><strong>ANNUALS:</strong> See: “Pre-planting SITE PREPARATIONS – Pasture Sites”</td>
<td>Tasmania, South Australia, Western Australia</td>
<td>3.5-5kg</td>
<td>Apply during July, August or September. Allow 8 weeks after transplanting before treatment. See below. Avoid use on Pinus radiata suffering from stress (such as drought or water logging). Avoid use on shale soils and exposed sub-soils.</td>
</tr>
<tr>
<td><strong>HARD-TO-KILL PERENNIALS:</strong> See: “Pre-planting SITE PREPARATIONS – Pasture Sites”</td>
<td><strong>WOODY &amp; HARD-TO-KILL WEEDS:</strong> See: “Pre-planting SITE PREPARATIONS – Native Woodland etc”</td>
<td>Tasmania, South Australia, Western Australia</td>
<td>5kg</td>
<td></td>
</tr>
<tr>
<td><strong>ANNUALS:</strong> Sorrel, Yorkshire Fog Grass, Annual Ryegrass</td>
<td><strong>SA only</strong></td>
<td></td>
<td>3.5kg</td>
<td>Apply during August or September, October. Allow 8 weeks after transplanting before treatment. See above*.</td>
</tr>
</tbody>
</table>

#### FORESTRY SPOTGUN1

<table>
<thead>
<tr>
<th>SITUATION / CROP</th>
<th>WEEDS CONTROLLED</th>
<th>STATE</th>
<th>RATE / ha</th>
<th>CRITICAL COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>POST-PLANTING TREE RELEASE APPLICATION</strong></td>
<td><strong>ANNUALS:</strong> Brome Grass, Caperweed, Chickweed, Clowers, Flatweeds, Rye grasses</td>
<td>Tasmania, South Australia, Western Australia</td>
<td>6 or 12mL of spray solution/pine</td>
<td>Mix 1kg TITAN Hexazinone 750 SG with 30L water and apply amount shown/pine. Use the higher rates of TITAN Hexazinone 750 SG: • When weed pressure is heavy. • When grasses are the major problem. • For longer term weed control and greater pine growth responses.</td>
</tr>
<tr>
<td><strong>HARD TO KILL PERENNIALS:</strong></td>
<td><strong>Dandelion, Docks, Paspalum, Ribwort/Plantain, Serrated Tussock, Snow Grass, Sorrel, Wallaby Grass, Yorkshire Fog Grass, Kangaroo Grass (Suppression only)</strong></td>
<td>Tasmania, South Australia, Western Australia</td>
<td>10 or 12mL of spray solution/pine</td>
<td>Hold Forestry Spotgun® (fitted with 120° solid cone nozzle) over the pine (slightly off centre to the central leader) with the nozzle tip 50cm above the ground when making the application. Apply 1-4 months after pines have been transplanted into plantation.</td>
</tr>
</tbody>
</table>

#### INDUSTRIAL WEED CONTROL APPLICATIONS

<table>
<thead>
<tr>
<th>SITUATION / CROP</th>
<th>WEEDS CONTROLLED</th>
<th>STATE</th>
<th>RATE / ha</th>
<th>CRITICAL COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>COMMERCIAL AND INDUSTRIAL AREAS, RIGHTS-OF-WAY, AROUND AGRICULTURAL BUILDINGS</strong></td>
<td><strong>ANNUAL WEEDS:</strong> Summer Grass, Barnyard Grass, Love Grass, Green Amaranth, Aethist Plant, Common Sida, Common Sow-thistle, Wild Oats, Soft Brome, Great Brome, Medic, Fleabanes, Paterson’s Curse (Salvation Jane), Blackberry Nightshade</td>
<td>All States</td>
<td>4-6kg</td>
<td>Use the higher rates on heavy soils and soils high in organic matter or carbon; on light soils where rainfall is heavy or on dense established stands of hard to kill species such as Paspalum, Couch Grass (Cynodon dactylon), Nut Grass and Kikuyu.</td>
</tr>
<tr>
<td><strong>PERENNIAL WEEDS:</strong></td>
<td><strong>Docks, Creeping Buttercup, Ribwort (plantain), Couch Grass (Cynodon dactylon)</strong></td>
<td>Tasmania, South Australia, Western Australia</td>
<td>6-8 kg</td>
<td></td>
</tr>
<tr>
<td><strong>Paspalum, Nutgrass, Kikuyu, Artichoke Thistle, Rhodes Grass, Chicory, Flatweeds</strong></td>
<td><strong>VIC, SA, TAS only</strong></td>
<td></td>
<td>8kg</td>
<td></td>
</tr>
</tbody>
</table>
**INDUSTRIAL WEED CONTROL APPLICATIONS – continued**

### GROUND APPLICATION

<table>
<thead>
<tr>
<th>SITUATION / CROP</th>
<th>WEEDS CONTROLLED</th>
<th>STATE</th>
<th>RATE / ha</th>
<th>CRITICAL COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Foliar Spray Application</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Commercial and industrial areas, rights-of-way, around agricultural buildings – continued</td>
<td>Parthenium hysterocephorus</td>
<td>QLD, NSW, ACT only</td>
<td>1kg (large areas) 2g/10L/20m² (small areas)</td>
<td>Use the higher rates on heavy soils and soils high in organic matter or carbon; on light soils where rainfall is heavy or on dense established stands of hard to kill species such as Paspalum, Couch Grass (Cynodon dactylon), Nut Grass and Kikuyu.</td>
</tr>
<tr>
<td></td>
<td>Spiny Rush (Juncus acutus)</td>
<td>VIC only</td>
<td>120-180g/100L</td>
<td>Gives complete eradication of mature plants only. Seedling plants should be controlled for up to 6 months.</td>
</tr>
</tbody>
</table>

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

**NOTICE (NSW ONLY)**

WITH THE EXCEPTION OF REGROWTH LESS THAN 5 YEARS OLD AND UNDER THREE METRES TALL, THE CLEARING OF MORE THAN FIVE HECTARES OF TREES BY AERIAL OR GROUND APPLICATION IN NSW IS PROHIBITED, UNLESS SPECIFICALLY AUTHORIZED BY PERMIT. THIS RESTRICTION DOES NOT APPLY TO WOODY WEEDS AND STEM INJECTION OF TREES.

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

**GENERAL INSTRUCTIONS**

TITAN Hexazinone 750 SG Herbicide is an effective foliar contact and soil active residual herbicide.

Use sufficient water for thorough uniform coverage. For best foliar and residual control, apply as a post-emergent spray during the period of active plant growth and when the air temperatures are 25°C and above. Applications when vegetation is dormant, semi-dormant, under moisture stress or during the growth and when the air temperatures are 25°C and above. Applications when the air temperatures are 25°C and above. Applications when the air temperatures are 25°C and above. Applications when the air temperatures are 25°C and above. Applications when the air temperatures are 25°C and above. Applications when the air temperatures are 25°C and above.

In temperate winter rainfall areas where temperatures are generally below 25°C during the period of active plant growth, the foliar effect may be slow to appear. In these areas herbicide activity is more dependent on root absorption. For residual control, sufficient rainfall is required after treatment to promote root absorption by the weeds. Results obtained may vary with the amount of chemical applied, rainfall, air temperature, soil type and other conditions.

All use rates of the product are expressed as overall rates. For band treatment use proportionately less, i.e. use one-third the overall rate when treating one-third of the area.

DO NOT apply TITAN Hexazinone 750 SG during periods of intense rainfall, when wind speed exceeds 30kph (for ground application) or when wind speed exceeds 20kph (for aerial application).

On slopes of 20% to 30% apply TITAN Hexazinone 750 SG by strip or spot application ONLY. On slopes greater than 30% apply by spot application ONLY.

DO NOT broadcast apply this product where there is no vegetation, or slash, or slash where a surface flow of water could wash the chemical into areas where their roots may extend. DO NOT drain or flush spray equipment near desirable trees or plants or where their roots may extend. DO NOT apply after planting in the following situations:

- On trees which show poor vigour due to disease, or environmental factors such as drought, moisture stress or waterlogging;
- On poorly drained soils;
- On gravelly or rocky soils, and exposed subsoils.

**Equipment Clean-up**

Thoroughly clean all traces of TITAN Hexazinone 750 SG Herbicide from application equipment immediately after use. Failure to remove residues may result in damage to sensitive plants in subsequent treated areas.

**RESISTANT WEEDS WARNING**

TITAN Hexazinone 750 SG Herbicide is a member of the Triazines group of herbicides. The product has the Inhibitors of photosynthesis at photosystem II mode of action. For weed resistance management, the product is a Group C herbicide. Some naturally-occurring weed biotypes resistant to the product and other Group C herbicides may exist through 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 C herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, TITAN AG Pty Ltd accepts no liability for any losses that may result from the failure of this product to control resistant weeds.

Large numbers of healthy surviving weeds can be an indication that resistance is developing. Efforts should be made to prevent seed set of the survivors. DO NOT make more than one application of a Group C herbicide in the same season. If the user suspects that a Group C resistance weed is present, this product or other Group C herbicides should not be used.

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

The product may kill many trees and other desirable plants if not correctly applied. DO NOT apply on or near desirable trees or other plants, or on areas where their roots may extend. As guidance this is two times their height, or more depending on the species and other conditions. DO NOT apply in areas where a surface flow of water could wash the chemical into areas where roots of desirable trees or plants may extend. DO NOT drain or flush spray equipment near desirable trees or in areas where their roots may extend.

DO NOT apply under windy conditions and in areas where spray drift could damage valuable plants.

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

DO NOT contaminate ponds, streams, rivers, waterways or drains with the chemical or used containers. DO NOT apply within 25m of a recognised waterway, or further if native riverbank vegetation may be damaged (see Protection of Native and other Non-target Plants).

**PROTECTION OF LIVESTOCK**

Keep stock away from treated areas.
STORAGE AND DISPOSAL
Store in the closed, original container in a dry, well-ventilated area, as cool as possible out of direct sunlight. DO NOT store or expose product to wet conditions. Keep from contact with fertilisers, fungicides and seeds.
Single-rinse or shake remainder into spray tank. DO NOT dispose of undiluted chemicals on-site. Puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500mm 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.

SAFETY DIRECTIONS
Harmful if swallowed. Will irritate the eyes. Avoid contact with eyes. When opening the container, preparing product for use, and using the prepared product, wear face shield or goggles. Wash hands after use. After each day’s use, wash gloves, face shield or goggles and contaminated clothing.

FIRST AID
If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126; 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 (SDS). A safety data sheet for TITAN Hexazinone 750 SG Herbicide is available from TITAN AG Pty Ltd on request. Call Customer Service on (02) 9999 6655 or visit www.titanag.com.au

CONDITIONS OF SALE:
TITAN AG Pty Ltd shall not be liable for any loss injury damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence or otherwise in connection with the sale supply use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on TITAN AG’s skill or judgment in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of TITAN AG Pty Ltd has any authority to add to or alter these conditions.

Additional statements required by Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia:
May intensify fire; oxidizer. Causes severe skin burns and eye damage. Precautionary Statements: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep away from clothing and other combustible materials. Do not breathe dusts or mists. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. Specific treatment (see on this label). Wash contaminated clothing before reuse. In case of fire: Use to extinguish: CO₂, powder or water spray. Store locked up. Dispose of contents/container in accordance with local/regional/national regulations.