**Gauntlet™ Herbicide**

**Active Constituent:** 720 g/L MSMA

**Group Z Herbicide**

For the control of certain weeds in Cotton, Sugarcane, Turf and non crop areas as per the directions for use.

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**Restrains:**
DO NOT cut, mow or cultivate treated areas that have been sprayed for at least 14 days as this may reduce the herbicide action.
DO NOT spray if rain is expected within 6 hours.

**Directions for Use**

<table>
<thead>
<tr>
<th>CROP</th>
<th>PEST</th>
<th>STATE</th>
<th>RATE</th>
<th>Critical Comments</th>
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</thead>
</table>
| Cotton     | Bathurst Burr, Columbus Grass, | QLD, NSW, & WA   | **Ground Application**
BAND: 0.94 L in 125 L of water.
(For 30 cm wide rows).
AERIAL SPRAYING: 3.1 L/ha in 25-80 L of water. |
<p>|            | Johnson Grass, Noogoora Burr,  | only             |                                           | Spray young actively growing weeds under dry, hot conditions when air temperatures are above 21°C. Do not apply more than twice in one season. Where possible direct spray to base of cotton plant. For non-directed and aerial sprays a red discolouration and slight burning may occur. Do not apply on windy days. Commence spraying when cotton is 7-8 cm high and before first bloom. Do not spray after first bloom. Repeat 3 weeks later if necessary. |
|            | Nutgrass, Paspalum              |                  |                                           |                                                                                                                                                  |
|            | Barnyard Grass, Pigweed, Spiny  | QLD &amp; NSW only   |                                           |                                                                                                                                                  |
|            | Burr Grass, Summer Grass, Yellow Vine |                  |                                           |                                                                                                                                                  |</p>
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<tbody>
<tr>
<td>Sugarcane</td>
<td>Barnyard Grass, Crab Grass/</td>
<td>QLD only</td>
<td>SPOT SPRAYING: 1.1 L per</td>
<td>Apply as a directed spray avoiding contact with sugarcane foliages as far as possible.</td>
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<tr>
<td></td>
<td>Summergrass Green, Summergrass</td>
<td></td>
<td>100 L of water. Add a non-ionic wetting agent.</td>
<td>Spray when sugarcane is 50-80 cm high. Add a non-ionic wetting agent to improve the activity of this product. Whenever sugarcane is sprayed directly with product some visual damage may occur. Some sugarcane varieties are sensitive to herbicide spray damage and full cover spraying of these varieties may result in unacceptable crop phytotoxicity. Local varietal responses should be confirmed before using this product.</td>
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<tr>
<td></td>
<td>Itch Grass</td>
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<tr>
<td>Vasey Grass or Giant</td>
<td></td>
<td>QLD &amp; NSW</td>
<td>6.6 L/ha in a minimum of</td>
<td>Apply as a directed spray minimising contact with sugarcane foliage. Spray when cane is 50-80 cm high. Add a non-ionic wetting agent to improve the activity of this product. Best results are achieved if weeds are at the seeding stage and stools are small. Use sufficient spray volume to thoroughly wet weeds. Use higher volumes of water when weeds are large. Whenever sugarcane is sprayed directly with product some visual damage may occur. Some sugarcane varieties are sensitive to herbicide spray damage and full cover spraying of these varieties may result in unacceptable crop phytotoxicity. Local varietal responses should be confirmed before using this product.</td>
</tr>
<tr>
<td>Paspalum</td>
<td></td>
<td></td>
<td>300 L of water. SPOT SPRAYING: 1.1 L in 100 L of water. Add a non-ionic wetting agent.</td>
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<tr>
<td>Non crop areas</td>
<td>Bathurst Burr, Noogoa Burr,</td>
<td>NSW, QLD,</td>
<td>11 - 13.3 L/ha in 500 L of water for boom application or 1.1 L per 100 L of water for spot spraying.</td>
<td>Use lower rate for seedling weeds. Repeat 3-4 weeks later on established perennial weeds.</td>
</tr>
<tr>
<td>roadsides, fencelines &amp;</td>
<td>Paspalum, Johnson Grass, Nutgrass, Spiny Burrgrass, Most Summer grasses</td>
<td>WA, VIC &amp; SA only</td>
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<td>storage areas</td>
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<tr>
<td>Control of Prickly Pear</td>
<td>Common Prickly Pear, Devils Rope, Drooping Prickly Pear, Indian Fig, Wheel Cactus</td>
<td>SA only</td>
<td>1.1 L in 40 L of water</td>
<td>Apply during Summer using a power sprayer when air temperature is above 30°C. Thoroughly cover all pad surfaces. Re-spray any re-growth that may occur.</td>
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<tr>
<td>Turf couch &amp; hybrids of</td>
<td>Crab Grass / Summergrass Paspalum</td>
<td>QLD &amp; NSW only</td>
<td>6.6 L/ha in 300 L of water. Split applications of 3.3 L/ha in 300 L of water, applied 7-10 days apart will reduce phytotoxicity.</td>
<td>Do not apply to Bent, QLD Blue Couch (Digitaria ssp.), Fescue, Blue Grass, Kikuyu or Dichondra lawns or turf as severe damage or death to the turf can occur. While some yellowing is expected this can be kept to a minimum by splitting the application to two applications 7-10 days apart. Weeds should be sprayed when young and actively growing. A repeat application in 14 days may be necessary. Avoid using at high temperatures as this may increase phytotoxicity. Do not mow for 4 days before or after application and do not water for at least 2 days after application.</td>
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<tr>
<td>couch only (Cynodon spp.)</td>
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**NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.**

**OTHER LIMITATIONS:**

**GENERAL INSTRUCTIONS**

The use of a surfactant with this product is generally not required except where specified in the directions for use. For best results apply under hot, dry conditions when air temperatures exceed 25°C. As spray is absorbed mainly through the foliage thorough spray coverage of weeds is essential. Weeds should begin to yellow within 10 days of application.

**MIXING**

This product readily mixes with water. Half fill spray tank then add product with agitation. Fill tank.

**CLEAN UP**

Clean equipment by thoroughly washing with water.

**Resistance Warning:**

**GAUNTLET™ Herbicide** is a member of the Organosarnencals group of herbicides. The product has the Herbicides with unknown and probably diverse sites of mode of action. For weed resistance management, the product is a Group Z herbicide. Some naturally occurring weed biotypes resistant to the product and other Group Z 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 Z herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Adama Australia accepts no liability for any losses that may result from the failure of this product to control resistant weeds.

**PROTECTIONS:**

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

Do not apply under meteorological conditions or from spraying equipment which could be expected to cause spray drift onto nearby susceptible plants, adjacent crops, crop land or pastures.

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

Dangerous to fish. Do not contaminate dams, rivers, drains or streams with chemical or used container.

**Storage and Disposal:**

Store in a locked room or place away from children, animals, food, feedstuff, seeds and fertilizers. This container can be recycled if it is clean, dry, free of visible residues and has the drumMUSTER logo visible. Triple-rinse container for disposal. Dispose of rinsate by adding it to the spray tank. Do not dispose of undiluted chemical on site. Wash outside of the container and the cap. Store cleaned container in a sheltered place with cap removed. It will then be acceptable for recycling at any drumMUSTER collection or similar container management program site. The cap should not be replaced, but may be taken separately. 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.
Safety Directions:
Poisonous if absorbed by skin contact or swallowed. May irritate the
eyes and skin. Avoid contact with the eyes and skin. When preparing spray
and using the prepared spray wear cotton overalls buttoned to the neck
and wrist and a washable hat and elbow-length PVC gloves. 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 and
contaminated clothing.

First Aid Instructions:
If poisoning occurs contact a Doctor or Poisons Information Centre.
Phone 13 11 26.

SDS
Additional information is listed in the safety data sheet (SDS). A safety
data sheet for GAUNTLET™ Herbicide is available from adama.com or call
Customer Service on 1800 423 262.

CONDITIONS OF SALE:
The use of GAUNTLET™ Herbicide being beyond the
control of the manufacturer, no warranty expressed or implied is given
by Adama Australia regarding its suitability, fitness or efficiency for any
purposes for which it is used by the buyer, whether in accordance with
the Directions for Use or not. Adama Australia accepts no responsibility
for any consequence whatsoever resulting from the use of this product.

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