

Read the label before opening the container.

For full particulars, see enclosed leaflet.

**KEEP OUT OF REACH OF CHILDREN AND ANIMALS**

# BUSHWACKER GG

South Africa Reg. No: L7103 Act No. 36 of 1947

HRAC HERBICIDE GROUP CODE: C1

A soil applied herbicide (macro granule) with long residual action for the control of, amongst others, the woody species as listed in natural pastures and non-crop areas

## ACTIVE INGREDIENT:

Bromacil (substituted uracil).....200g/kg

**Product Information: 072 678 8226**  
**In case of poisoning: 082 446 8946**

## HAZARD STATEMENTS

- Very toxic to aquatic life with long lasting effects.

## PRECAUTIONARY STATEMENTS

- Avoid release into the environment.
- Collect spillage



**enviro**  
bio-chem

Registration holder: **Enviro Industries (Pty) Ltd**

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Expiry Date:

Batch No:

Date of Manufacture:

**UN No. 3077**

## **WARNINGS:**

- Very toxic to aquatic life with long lasting effects
- Store away from food, feeds, fertilizers and consumable products.
- Keep out of reach of children, animals and uninformed persons.
- Do not apply near desirable vegetation or to where their roots may extend.
- Toxic to fish and aquatic organism.
- **Aerial Application:** Notify all inhabitants in the immediate vicinity of the area to be treated and issue the necessary warnings. Do not apply over or allow the granules to contaminate water or adjacent areas.

**Although this remedy has been extensively tested under a large variety of conditions the registration holder does not warrant that it will be efficacious under all conditions because the action and effect thereof may be affected by factors such as abnormal soil, climatic and storage conditions; quality of dilution water, compatibility with other substances not indicated on the label and the occurrence of resistance of the disease to the remedy concerned as well as by the method, time and accuracy of application. The registration holder further does not accept responsibility for damage to crops, vegetation, the environment or harm to man or animal or for lack of performance of the remedy concerned due to failure of the user to follow the label instructions or to the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier in event of any uncertainty.**

## **PRECAUTIONS:**

- Store product in original container in a secure, dry, well ventilated area. Keep container tightly closed.
- Avoid application onto crops, grazing, rivers, dams, wetlands and any area not under treatment. Do not apply where run-off from the treated area will contaminate water or within 10 metres of permanent water.
- Do not mix or load within 20 metres of any body of water.
- Do not mix, load or clean application equipment within 20 metres of a well or fountain unless on an impervious pad to prevent groundwater contamination.
- Dispose of wash water where it will not contaminate crops, grazing, rivers and dams.
- Prevent contamination of food, feedstuffs, drinking water and utensils.
- Do not apply on or within 50 metres from desirable plants or trees (such as windbreaks, ornamental trees or shrubs along roads) or on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots since such plants may be killed or severely damaged.
- Do not use on soils where susceptible crops are to be grown within five years.
- Over-application or any use not in accordance with the directions on this label may cause stunting of the crop and other adverse effects.
- To avoid injury to desirable plants, application equipment used for application must be thoroughly washed and rinsed, using the following method. Immediately following application, wash application equipment with clean water. Loosen and physically remove visible deposits. Flush the entire system with clean water. Clean all other associated application equipment.
- Triple rinse empty container in the following manner: Invert the empty container over the spray or mixing tank and allow to drain for at least 30 seconds after the flow has slowed down to a drip. Thereafter, rinse the empty container three times with a volume of water equal to a minimum of 10% of that of the container. Add the rinsings to the content of the spray tank. Empty containers should be taken for local recycling or waste disposal. Do not re-use empty containers.

## **RELEVANT SUBSTANCES:**

Bromacil 21.3%

## **FIRST AID TREATMENT:**

**INGESTION:** Immediately call a POISON CENTER or doctor/physician.

**SKIN CONTACT:** (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

**INHALATION:** Remove person to fresh air and keep comfortable for breathing.

**EYE CONTACT:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

## **RESISTANCE WARNING:**

For resistance management **BUSHWHACKER GG** is a **group code C1** herbicide. Any weed population may contain individuals naturally resistant to **BUSHWHACKER GG** and other **group code C1** herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly.

**BUSHWHACKER GG** or any other **group code C1** herbicide may not control these resistant weeds.

To delay herbicide resistance:

- Avoid exclusive repeated use of herbicides from the same herbicide group code.
- Alternate or tank mix with products from different herbicide group codes.
- Integrate other control methods (chemical, cultural, biological) into weed control programmes.

For specific information on resistance management contact the registration holder of this product.

## **DIRECTIONS FOR USE:** Use only as directed.

- **BUSHWHACKER GG** is a herbicide with long residual action. The degree of control and duration of effect will depend on the dosage rate, rainfall and soil type.
- **BUSHWHACKER GG** is non-corrosive, non-volatile and non-flammable.
- **BUSHWHACKER GG** treatments will only become effective after sufficient rain has fallen to leach the product into the root zone for uptake. Application just prior to or during the rainy season is therefore always recommended because it speeds up the control process. Application is possible throughout the year due to the stability of **BUSHWHACKER GG**.
- **BUSHWHACKER GG** may kill trees within 1 season, but depending on rainfall, it could take as long as 24 months. During this period treated plants will show repeated defoliation and regrowth with progressive dieback until death occurs. A follow-up treatment is not recommended within 2 years after application.

## **METHOD OF APPLICATION:**

### **Single Tree/Spot Treatment:**

Product to be applied in the root zone of target plant. The amount of granules should be weighed correctly and then distributed evenly around the base of the target tree. Refer to application rates mentioned below.

### **Aerial Application:**

A fixed wing aircraft fitted with a specific granule applicator should be used. Contact your nearest distributor or registration holder for further information. Refer to application rates mentioned below.

## **NOTES:**

- Maintain a minimum flight height of 20m above target trees.
- Application width will depend on type of applicator.
- Do not spray when it rains.
- Do not apply when wind speed is >20km/h.

## **APPLICATION RATES:**

### **Single Tree/Spot Treatment:**

|                     |                          |
|---------------------|--------------------------|
| 1.5g/m <sup>2</sup> | for trees up to 1 m high |
| 3g/m <sup>2</sup>   | for trees up to 2 m high |
| 4.5g/m <sup>2</sup> | for trees up to 3 m high |
| 6g/m <sup>2</sup>   | for trees up to 4 m high |

**NOTE:** Treatment not recommended for trees exceeding 4 metres in height.

**Aerial Application:** Apply 5kg/ha.

**IMPORTANT:** The dosage rates recommended above are for soils with a clay content of 10 to 30%. Consult your supplier regarding applications on very shallow, gravelly or sandy soil.

| TARGET SPECIES           | COMMON NAME        | TARGET SPECIES                   | COMMON NAME      |
|--------------------------|--------------------|----------------------------------|------------------|
| <i>Acacia Burkei</i>     | Black Monkey Thorn | <i>Acacia Nilotica</i>           | Scented Thorn    |
| <i>Acacia Erioloba</i>   | Camel Thorn        | <i>Acacia Senegal</i>            | Three-Book Thorn |
| <i>Acacia Erubescens</i> | Blue Thorn         | <i>Acacia Tenuispina</i>         | “Fyndoring”      |
| <i>Acacia Exuvialis</i>  | Flaky Thorn        | <i>Acacia Tortilis</i>           | Umbrella Thorn   |
| <i>Acacia Galpinii</i>   | Monkey Thorn       | <i>Burkea Africana</i>           | Wildseringa      |
| <i>Acacia Gerrardii</i>  | Red Thorn          | <i>Dichrostachys Cinerea</i>     | Sickle Bush      |
| <i>Acacia Karoo</i>      | Sweet Thorn        | <i>Grewia Flava</i>              | Brandy Bush      |
| <i>Acacia Hebeclada</i>  | Candle Thorn       | <i>Melia Azedarach</i>           | Seringa          |
| <i>Acacia Mellifera</i>  | Black Thorn        | <i>Tarchonanthus Camphoratus</i> | Camphor Bush     |
| <i>Acacia Nebrownii</i>  | Water Thorn        | <i>Ziziphus Mucronata</i>        | Buffalo Thorn    |
| <i>Acacia Nigrescens</i> | Knob Thorn         |                                  |                  |

**NOTES:**

- Multi-stemmed trees require a higher rate of application than single stemmed trees. For multi-stemmed trees, apply up to double the number of doses that would be required for a single stemmed specimen of similar height.
- Depending on weather conditions, thoroughness and accuracy of application etc., follow-up applications may be necessary.
- Allow a minimum of 2 years after first treatment before follow-up treatment is considered.