Read the label before opening the container. For full particulars, see enclosed leaflet.

KEEP OUT OF REACH OF CHILDREN AND ANIMALS

ATLACIDE 60 GR

South Africa Reg. No: L4188 Act No. 36 of 1947

HRAC HERBICIDE GROUP CODE: C1

A non-selective granular herbicide for dry application, for the control of grasses and broadleaf weeds as listed, and for soil sterilization on industrial sites, rail tracks, electrical and storage yards.

ACTIVE INGREDIENT:

Bromacil (uracil)..... 60g/kg

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

HAZARD STATEMENTS
- Toxic to aquatic life with long lasting effects.



PRECAUTIONARY STATEMENTS
- Read label before use.
- Avoid release to the environment.

enviro™ bio-chem

Registration holder: Enviro Industries (Pty) Ltd t/a Enviro Weed Control Systems
Reg No. 1999/006136/07
44 Kerk Street, Lichtenburg NW, South-Africa
Tel: +27 12 006 0063 | Fax: +27 86 541 7948
Web: www.envirobiochem.co.za

Expiry Date:
Batch No:
Date of Manufacture:

UN No. 3077

WARNINGS:

- Toxic to aquatic life with long lasting effects.
- Store in a cool place.
- Do not store near food, feed, fertilizer or seed.
- Due to the highly active and persistent, do not apply ATLACIDE 60 GR within the root zone of desirable vegetation, such as ornamental trees or lawns or where it could be washed or leached to within the root zone of such vegetation, as severe damage could be caused.
- Keep out of reach of children.

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 weeds against the remedy concerned as well as by the method, time and accuracy of application. The registration holder furthermore 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 the event of any uncertainty.

PRECAUTIONS:

- Wash hands, forearms, and face thoroughly after handling.
- Do not eat, drink, or smoke when using this product.
- Prevent the contamination of food and eating utensils.
- Do not clean application equipment on or near gardens, lawns or other desirable vegetation.
- 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.
- Avoid release to the environment.
- Keep in original container, tightly closed in a safe place.
- Do not apply to areas designated for future cultivation.

RELEVANT SUBSTANCES:

Bromacil 6.4%

FIRST AID TREATMENT:

EYE CONTACT: Flush with plenty of water for at least 15 minutes. Get medical attention immediately.
SKIN CONTACT: Remove contaminated clothing. Wash affected area with plenty of soap and water. Get attention if irritation develops.
INHALATION Remove person to fresh air. If not breathing, give artificial respiration. Get medical attention immediately.
INGESTION: Get medical attention immediately. Do NOT induce vomiting unless directed to do so by medical personnel.

DIRECTIONS FOR USE: Use only as indicated.

Read Entire Label Before Using.

General Information:

ATLACIDE 60 GR is a highly active long term herbicide which acts in the soil to control a variety of weeds, including perennial grasses by simply scattering it on to the weeds or soil. It is especially useful when total weed control is required on sites where it is difficult to find water and to operate spray equipment, such as on electrical or storage yards and railways sidings.

ATLACIDE 60 GR will not only control emerged weeds, but will also maintain the area relatively weed free for several months. It is therefore necessary for rainfall to leach the herbicide into the root zone before its action can take place. Best results will be obtained if **ATLACIDE 60 GR** is applied shortly before the onset of the rainy season and if the weeds are in the pre-flowering stage. Mature weeds will require the higher dosage. The higher the dosage the longer will be the period of weed control obtained. Dry conditions after application may result in diminished control.

Application:
ATLACIDE 60 GR may be hand applied, or by means of mechanical spreader. Calibrate the spreader prior to use to determine the correct setting. Determine the area of the site to be treated by measurement and calculate the quality of **ATLACIDE 60 GR** required according to the rate selected.

DOSAGE:

PROBLEM	LIGHT SOIL (UP TO 20% CLAY)	MEDIUM SOIL (UP TO 30% SOIL)	HEAVY SOIL AND ASH
	kg/ha	kg/ha	kg/ha
Annual Weeds	75	100	120
Perennial Weeds	150	200	250
Maintenance Treatments	75	100	120

For annual weeds growing in ash or in soil covered by coal dust use the highest dosage followed by repeating applications of 120kg/ha as necessary.

For small areas use 0.25kg/10m^2.

Do not disturb the soil surface after application or the effectiveness and persistence of the treatment may be reduced.

Under adverse conditions, i.e. mature weeds, dry weather following application, and the occurrence of resistant weeds, a follow up treatment at reduced dosage may be required. Watch for signs of regrowth and repeat as necessary. See notes under weed species controlled.

Pre-construction treatment:
ATLACIDE 60 GR is ideal for use as a pre-construction treatment in areas to be paved or bituminized or order to prevent weeds damaging construction. Apply **ATLACIDE 60 GR** to the sub-base during the compaction period and apply water to leach the herbicide into the top 50 -100mm of base before sealing surface. Use 0.25kg/10m^2 or 225kg/ha.

PARTIAL LIST OF WEES CONTROLLED:

BOTANICAL NAME	COMMON NAME	BOTANICAL NAME	COMMON NAME
Arcototheca Calendula	Cape Marigold	*Eragrostis Curvula*	Love Grass
Bidens Formosa	Cosmos	*Hyparrhenia Hirta*	Common Thatch Grass
Bidens Pilosa	Blackjack	*Lolium Perenne*	Perennial Ryegrass
Cenchrus Brownii	Fine Bur Grass	*Lolium Temulentum*	Darnel
Cenchrus Incertus	Sand Bur Grass	*Pennisetum Cladestinum*	Kikuyu
Cynodon Dactylon	Common Quickgrass	*Tagetes Minuta*	Khaki Weed
Eleunsine Indica	Goose Grass		

A minimum of 200kg/ha is required for the control of *Rhynchelytrum repens* (Natal Red Top).

Paspalum spp are resistant at the rates specified and may require repeated applications.

CONTROL OF CERTAIN ACACIA SPECIES:

ATLACIDE 60 GR may be used to control certain Acacia species on light soil types, i.e. up to 10% clay. 20 g should be placed under the canopy in a small heap at the beginning of the rains.

The Following Species Are Susceptible:

BOTANICAL NAME	COMMON NAME
Acacia Karroo	Sweethorn
Acacia Mellifera Subsp. Detinens	Blackhorn
Acacia Hebeclada	Candle Acacia
Acacia Tortilis Subsp. Heteracantha	Umbrella Thorn