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

KEEP OUT OF REACH OF CHILDREN AND ANIMALS

OUTPACE GR

South Africa Reg. No: L6592 Act No. 36 of 1947

HRAC HERBICIDE GROUP CODE: C1

OutPace GR is a granular soil acting herbicide with prolonged action for the prevention of weed growth on industrial sites and other non-crop areas

ACTIVE INGREDIENT:

Terbuthylazine (triazine).....97,0g/kg
Simazine (triazine).....97,0g/kg
Related active triazines.....6,0g/kg
Total active ingredients.....200,0g/kg

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

HAZARD STATEMENTS

- Suspected of causing cancer.
- May cause damage to organs through prolonged or repeated exposure.
- Very toxic to aquatic life with long lasting effects.



PRECAUTIONARY STATEMENTS

- Do not handle until all safety precautions have been read and understood.
- Avoid release to the environment.

enviro™ bio-chem

Registration holder: Enviro Industries (Pty) Ltd
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:

- Suspected of causing cancer.
- May cause damage to organs through prolonged or repeated exposure.
- Very toxic to aquatic life with long lasting effects.
- Store in a cool place away from food and feeds.
- 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 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:

- Read the entire label before using the product and ensure that the requirements for its correct use are observed.
- Do not handle until all safety precautions have been read and understood.
- Do not breathe mist, vapours and spray.
- Wash hands, forearms, and face thoroughly after handling
- Do not eat, drink, or smoke when using this product.
- Avoid release to the environment.
- Wear impervious rubber gloves and boots, protective clothing and chemical safety goggles.
- IF exposed or concerned: Get medical advice/attention.
- Ensure that persons assigned to apply the products are adequately trained.
- Do not apply within the root zone of desirable vegetation, or where it could be washed to such areas, or into streams or dams.
- Do not apply to areas designated for future cultivation.
- Prevent contamination of food, eating utensils, feeds and drinking water.
- 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.
- Do not load within at least 15 m from boreholes, streams, rivers and dams.
- Do not apply within at least 15 m from boreholes, streams, rivers and dams.
- Do not apply within at least 60 m of dams.

RELEVANT SUBSTANCES:

Terbuthylazine 10.4 %
Simazine 10.2 %

FIRST AID TREATMENT:

INHALATION: Remove person to fresh air and keep comfortable for breathing.
INGESTION: Immediately call a POISON CENTER or doctor/physician.
SKIN CONTACT: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
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, **OUTPACE GR** is a **group code C1** herbicide. Any weed population may contain individuals naturally resistant to **OUTPACE GR** and other **group code C1** herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds may not be controlled by **OUTPACE GR** or any other **group code C1** herbicide.

To delay herbicide resistance:
- Avoid the exclusive repeated use of herbicides from the same herbicide group code.
- Alternate or tank mix with products from difference 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 indicated

OUTPACE GR is a long lasting herbicide which acts in the soil to control the germination of weed seeds on such sites as security fences, electrical distribution yards, on rail tracks, pipe tracks, storage yards and the like. **OUTPACE GR** is intended as a maintenance treatment to be applied before the emergence of the weeds, on sites where established weed growth has been eliminated by previous chemical or mechanical means.

Should weeds have already been emerged, an appropriate herbicide should be used to control these weeds, either prior to, or after the application of **OUTPACE GR**. This may be by means of spot treatment or overall spraying depending on the extent of the infestation. Always adhere to the directions for use contained on the labels of such products. **OUTPACE GR** may be applied to exposed soil or to soil covered by stone chips. Rainfall is necessary to leach into the soil before action can take place. It should therefore be applied just before the growing season, and rainfall soon after application will give best results.

APPLICATION:

The higher the quantity of **OUTPACE GR** applied the longer will be the period of control obtained. The amount of rainfall subsequent to application as well as the type of soil will affect the duration of weed control. **OUTPACE GR** is more active in light soils than heavy soils, where a higher dosage will be required. Although **OUTPACE GR** only leaches slowly in the soil, regions having high rainfall will require the higher dosages especially on light soils. Determine the area of the site to be treated by measurement en calculate the quantity of **OUTPACE GR** required according to the rate selected.

Calibrate mechanical applicators prior to use to obtain the correct setting, and ensure that the granules are evenly distributed over the area. This is particularly important when hand application is being used.
Do not disturb the soil after **OUTPACE GR** has been applied.

RATE OF APPLICATION		
LOCATION	DOSAGE	
Light soils in Natal Coastal region	60kg/ha in Spring plus 40kg/ha in Autumn.	
Winter rainfall areas	40 to 60kg/ha in Autumn or early Spring.	
Summer rainfall areas	5% - 20% clay (light textured soils)	50 - 65kg/ha
	21% - 30% clay (medium textured soils)	65 - 75kg/ha
	Over 30% clay (heavy textured soils)	75 - 90kg/ha
Ash base incorporating coal dust	100kg/ha initial dose. Repeat half dosage as required.	
Use the higher rate where the seasonal rainfall exceeds 800mm. Watch for signs of germination and should this occur reapply at the half the initial rate. Treat any emerged weeds with a registered contact herbicide such as **TUMBLEWEED** (L4781 Act No. 36 of 1947)		

NOTE: OUTPACE GR will not give satisfactory control of weeds which grow from rhizomes or rootstocks, and which may be underground at the time of treatment. Should these emerge, spot treat using a suitable herbicide.

PRE-CONSTRUCTION TREATMENT:

OUTPACE GR may be used to control the emergence of annual broadleaf weeds and annual grasses to be paved or asphalted. Apply at the rate of 0.6kg per 100m^2 to the base and gently moisten before laying the bricks or sealing the surface.

LIST OF WEEDS CONTROLLED	
GRASSES	
BOTANICAL NAME	COMMON NAME
Avena Fatua	Common Wild Oats
Bromus Unioloides	Rescue Grass
Chloris Virgata	Feathertop Chloris
Digitaria Cillaris	Tropical Finger-Grass
Eleusine Indica	Goose Grass
Eragrotis Tef	Teffgrass
Panicum Schinzii	Sweet Buffalo Grass
Setaria Pallide-Fusca	Garden Bristle Grass
Urocholoa Panicoides	Herringbone Grass
BROADLEAF WEEDS	
Acanthospermum Australe	Eight-Seeded Prostate Starbur
Acanthospermum Hispidum	Common Pigweed
Amaranthus Hybrisdus	Thorny Pigweed
Amaranthus Spinosus	Cape Marigold
Arctotheca Calendula	Spanish Blackjack
Bidens Bipinnata	Common Blackjack
Bidens Pilosa	White Goosefoot
Chenopodium Album	Benghal Wandering Jew
Commelina Benghalensis	Canadian Fleabane
Conyza Canadensis	Cosmos
Cosmos Bipinnatus	Thorn Apple
Erodium Moschatum	Musk Heron's Bill
Galinsoga Parviflora	Gallant Soldier
Portulaca Oleracea	Common Purslane
Schkuhria Pinnata	Dwarf Marigold
Sonchus Oleracea	Sow Thistle
Tagetes Minuta	Tall Khaki Weed
Tribulus Terrestris	Devils Thorn