

OutPace GR



South Africa Reg. No: L 6592 Act No. 36 of 1947

Namibia Reg. No: N-AR 0697 Act No. 36 of 1947

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.

HRAC HERBICIDE GROUP CODE: C1

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 Tel No: 072 678 8226

In case of poisoning: 082 446 8946

www.envirobiochem.co.za

Expiry Date:

Batch No:

Date of Manufacture:



Registration holder:

Enviro Industries (Pty) Ltd t/a Enviro Weed Control Systems

Reg Nr: 1999/006136/07

44 Kerk Street, Lichtenburg

North West, South Africa 2740

Tel: +27 87 231 7261



CAUTION
VERSIGTIG

WARNINGS:

- Poisonous if swallowed.
- 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.
- 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.
- Although **OUTPACE GR** is low in toxicity to humans, use a dust mask to prevent inhaling fine particles when applying by hand or when chest carried applicators are used.
- Use gloves and protective clothing when handling the product, and prevent eye contamination.
- Do not eat, drink or smoke during application, or before hands and face have been washed using soap and water.
- Prevent contamination of food, eating utensils, feeds and drinking water.
- Destroy the empty bag and never re-use for any other purpose.
- Do not load within at least 15m from boreholes, streams, rivers and dams.
- Do not apply within at least 15m from boreholes, streams, rivers and dams.
- Do not apply within at least 60m of dams.

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 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 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 and 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
	Bo 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 100m² to the base and gently moisten before laying the bricks or sealing the surface.

LIST OF WEEDS CONTROLLED	
GRASSES	
BOTANICAL NAME	COMMON NAME
<i>Avena Fatua</i>	Common Wild Oats
<i>Bromus Unioloides</i>	Rescue Grass
<i>Chloris Virgata</i>	Feathertop Chloris
<i>Digitaria Ciliaris</i>	Tropical Finger-Grass
<i>Eleusine Indica</i>	Goose Grass
<i>Eragrotis Tef</i>	Teffgrass
<i>Panicum Schinzii</i>	Sweet Buffalo Grass

LIST OF WEEDS CONTROLLED

GRASSES

BOTANICAL NAME

COMMON NAME

Setaria Pallide-Fusca

Garden Bristle Grass

Urochloa Panicoides

Herringbone Grass

BROADLEAF WEEDS

Acanthospermum Australe

Eight-Seeded Prostate Starbur

Acanthospermum Hispidum

Common Pigweed

Amaranthus Hybridus

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