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

KEEP OUT OF REACH OF CHILDREN AND ANIMALS

EnviroGUARD

South Africa Reg. No: L7213 Act No. 36 of 1947

HRAC HERBICIDE GROUP CODE:

A soluble concentrate grass herbicide with long residual action for the control of annual and perennial grasses, as listed, in industrial areas, along rail tracks and on road shoulders, as well as for the control of Nasella-tussock *(Stipa trichotoma).*

ACTIVE INGREDIENT:

Tetrapion (fluproponate)..... 745g/ℓ

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

HAZARD STATEMENTS

- May cause damage to kidneys through prolonged or repeated exposure.
- Toxic to aquatic life with long lasting effects.



PRECAUTIONARY STATEMENTS

- Wash hands, forearms, and face thoroughly after handling.
- Do not eat, drink, or smoke when using this product.

enviro™ bio-chem

Registration holder: Enviro Industries (Pty) Ltd
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Expiry Date:
Batch No:
Date of Manufacture:

UN No. 3082

WARNINGS

- May cause damage to kidneys through prolonged or repeated exposure.
- Toxic to aquatic life with long lasting effects.
- Store away drom food, feeds, seed and other agricultural chemicals.
- Keep out of reach of children, uninformed persons and animals.
- Store in cool place.
- Do not spray during the heat of the day.
- Aerial application: Inform all persons in the immediate vicinity of the area to be treated of your intention and issue the necessary warnings. Do not contaminate water and surrounding areas

Although this remedy has been extensively tested under a wide 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 pest 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 instruction 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

- Do not breathe dust/fumes/gas/mist/vapours/spray.
- Wash hands, forearms, and face thoroughly after handling
- Do not eat, drink, or smoke when using this product.
- Avoid release to the environment.
- Collect spillage
- Avoid spray drift onto other crops, grazing, rivers, dams and any area not under treatment.
- Do not apply near desirable plants or trees, e.g. windbreaks and ornamental trees alongside 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.
- Do not use on soil in which susceptible crops or any susceptible plants are to e grown in the foreseeable future.
- To avoid injury to desirable plants, spray equipment used for application must be thoroughly washed and rinsed.
- Dispose of wash water where it will not contaminate crops, grazing, rivers and dams.
- Invert 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 container three times with a volume of water equal to a minimum of 10% of that of the container. Add the rinsings to the contents of the spray tank before destroying the container in the prescribed manner.
- 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.
- Destroy empty container by perforation and flattening ad never use for any other purpose.
- Prevent contamination of food, feed, drinking water and eating utensils

RELEVANT SUBSTANCES:

Tetrapion 74.5%

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.

DIRECTIONS FOR USE: Use only as directed.

General:

- **ENVIROGUARD** is a root absorbed grass killer with long residual action.
- On annual grasses it has to be applied prior to or during emergence of the seedlings and rain must occur within 14 days of application to carry the chemical into the soil for root absorption.
- On perennial grasses application must be made during the period of active growth and rain is also required to carry the chemical into the root zone.
- Effects on existing grasses are very slow to appear and up to 6 - 9 weeks may be required for maximum effect to become visible.
- The degree of control and duration of effect will depend on the dosage rate, rainfall and soil type.
- In the case of a dense growth of grasses, considerably better results will be obtained if these are removed prior to treatment.
- The efficacy of **ENVIROGUARD** may be reduced by very hard water (>1 000ppm solutes) and by water with a high pH value.
- When **ENVIROGUARD** is used, the optimal efficacy thereof will be obtained in water of pH 4.5 - 5.5. Water of a higher or lower pH than 4.5 - 5.5 should be buffered to pH 4.5 - 5.5 by using curabuff.
- Where curabuff is used to adjust the pH of the water, the curabuff must be mixed with the total volume of water required for that particular tank mixture before adding the **ENVIROGUARD.**
- Use the spray mixture without delay and do not allow to stand for prolonged periods.

MIXING AND APPLICATION:

ENVIROGUARD is non-volatile, non-corrosive and non-flammable.

Ground application:

Dilute in water (500 - 1 000ℓ water/ha) and apply evenly onto the soil. Use the correct type of spray nozzle to give a flat, fan type spray pattern and accurately calibrate spray equipment prior to treatment to determine the quantity of water delivered/ha.

Aerial application:

ENVIROGUARD may be applied by aircraft provided the spray mixture is distributed evenly over the target area and the loss of spray mixture during application is limited to a minimum.

The following requirements must be met to obtain the above:

- Use only conventional boom fitted with flat fan nozzles, e.g. SS 6515, or equal.
- Minimum spray volume of 40ℓ/ha.
- A minimum of 40 - 50 droplets per cm^2 must be recovered on the target area.
- Use a droplet spectrum with a VMD of 350 - 400 micron.
- Maintain flying height of 3 meters above the target area at wind speeds of 0 - 8km/h and 2 meters at 8 - 15km/h. Stop spraying when the wind speed exceeds 15km/h.
- The difference between the wet and dry bulb reading as determined with a whirling hygrometer should not exceed 8°C.
- Obtain the assurance from the aerial spraying contractor that the above requirements will be adhered to and that the necessary data will be logged in the pilot's logbook.
- All spray applications must be made with suitable equipment that is in good working order and correctly calibrated to give the desired coverage for that particular method of application.

APPLICATION: **RATES:**

WEEDS CONTROLLED	DOSAGE/ha	REMARKS
Annual Grasses	7ℓ	Apply during or just after germination in 500ℓ water/ha.
Perennial Grasses	9.5ℓ	Apply during the active growth of the weeds in 500 - 1 000ℓ water/ha.

WEEDS CONTROLLED	DOSAGE/ha	REMARKS
Nasella Tussock *(Stipa Trichotoma)*	Ground application: 1.2ℓ	Apply in 500 - 1 000ℓ water/ha.
	Aerial Application: 1.4ℓ	Apply in 40ℓ water/ha.

SOME GRASS SPECIES NORMALLY CONTROLLED:

Annual grasses:

BOTANICAL NAME	COMMON NAME
Aristida Congesta	Tassel Three-Awn
Chloris Pycnothrix	Spiderweb Chloris
Digitaria Sanguinalis	Crab Fingergrass
Eleusine Indica	Goosegrass
Rhynchelytrum Repens	Natal Red-Top
Setaria Verticillata	Sticky Bristle Grass
Tragus Racemosus	Large Carrot Seed Grass
Urochloa Panicoides	Herringbone Grass

Perennial grasses:

BOTANICAL NAME	COMMON NAME
Cynodon Dactylon	Common Couch
Eragrostis Spp	Teff
Heteropogon Contortus	Common Spear Grass
Hyparrhenia Hirta	Common Thatching Grass
Panicum Maximum	Common Buffalo Grass
Paspalum Dilatatum	Common Paspalum
Paspalum Urvillei	Tall Paspalum
Sorghum Bicolor Subsp. Arundinaceum	Common Wild Sorghum
Stipa Trichotoma	Nasella Tussock
Themeda Triandra	Red Grass