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

KEEP OUT OF REACH OF CHILDREN AND ANIMALS

DIURON 800 SC

South Africa Reg. No: L9151 Act No. 36 of 1947

HRAC HERBICIDE GROUP CODE: C2

A suspension concentrate herbicide with long residual action for the control of annual weeds as listed in citrus, sugarcane and for industrial use.

ACTIVE INGREDIENT:

Diuron (substituted urea).....800g/ℓ

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

HAZARD STATEMENTS

- Harmful is swallowed.
- 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 eat, drink, or smoke when using this product.
- Avoid release to the environment.

enviro™ bio-chem

Registration holder: Erintrade CC t/a RT Chemicals
Reg No: CK 2001/036403/23
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. 3082

WARNINGS:

- Harmful is swallowed.
- Suspected of causing cancer.
- May cause damage to organs through prolonged or repeated exposure.
- Very toxic to aquatic life with long lasting effects.
- Keep out of reach of children, uninformed persons and animals.
- Store under lock and key, in a cool place, away from food and feedstuffs.
- Prevent contamination of water resources, dams and rivers.
- Re-entry: Do not enter treated field within 1 day after application unless wearing protective clothing.

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 effected 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 the 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 event of any uncertainty.

PRECAUTIONS:

- Do not eat, drink, or smoke when using this product.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Contaminated work clothing should not be allowed out of the workplace.
- Do not breathe dust/fumes/gas/mist/vapours/spray.
- Keep container tightly closed.
- Avoid release to the environment.
- IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- 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.
- Collect spillage.
- Do not mix or load within 20 metres of a water source.
- When cleaning spray equipment dispose of water where it will not contaminate any water source.

RELEVANT SUBSTANCES:

Diuron 66.3%
Nonyl phenol polyoxyethylene ether <5%
Sodium dodecyl benzene sulfonate <3%
Ethylene glycol <3%

FIRST AID TREATMENT:

General advice: If exposed or concerned, get medical advice.
INGESTION: Rinse mouth. Do NOT induce vomiting.
SKIN CONTACT: (or hair): Remove/take off all contaminated clothing. Rinse skin with water.
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 so - continue rinsing.

RESISTANCE WARNING:

For resistance management **Diuron 800 SC** is a **group code C2** herbicide. Any weed population may contain individuals naturally resistant to **Diuron 800 SC** and other **group code C2** herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. **Diuron 800 SC** or any other **group code C2** 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

Diuron 800 SC is absorbed by the roots of germinating weeds, therefore for optimum results **Diuron 800 SC** should be applied pre-emerge of weeds to moist soil and followed by rain or irrigation within a week of application. The soil surface should be free of weeds and crop residues at the time of application.

Diuron 800 SC may also be applied post-emergence of weeds when used in combination with other registered herbicides. The weeds should however be actively growing and in the correct growth stage for optimum results.

Mixing Instructions:

Mix the required quantity of **Diuron 800 SC** in a small quantity of clean water to make a smooth cream.
Half-fill the spray tank with water; add the required quantity of herbicide and fill the spray tank to the required volume.
Continually agitate the mixture when mixing and spraying.
It is very important that other liquid formulations should not be mixed with **Diuron 800 SC** in a concentrated form. To avoid any problem, half-fill the spray tank with clean water, add the pre-mixed **Diuron 800 SC**, add more water and then add the liquid formulation in already diluted form.
Maintain agitation during spraying. Use the prepared mixture immediately. Do not allow to stand overnight.

Application Instructions:

Spray equipment must be clean and correctly calibrated.
Use flat fan or floodjet nozzles to give an even spray distribution on the target area.
Apply **Diuron 800 SC** in 100 to 400 litres water per hectare.

Diuron 800 SC can be mixed with post-emerge herbicides. It is recommended to test compatibility on a small scale before large scale application.

APPLICATION RATES:

For Agricultural Weed Control:

CROP	DOSAGE RATE	REMARKS
CITRUS Use only in established orchards	4ℓ/ha	Apply onto clean cultivated, moist soil during the growing season. Repeat the application after 2 to 3 months if necessary. Where grass weeds are a problem use a registered grass herbicide.

CROP	DOSAGE RATE	REMARKS
SUGARCANE Plant & Ratoon Crops	3-4ℓ/ha	Pre-emergence: Use the higher **Diuron 800 SC** dosage rate where severe weed infestation is anticipated or where longer residual activity is required on heavier soils.
	2.5ℓ/ha	Pre- and Early Post-emergence: Use **Diuron 800 SC** in combination with other registered herbicides. Where severe weed infestation is anticipated or where longer residual activity is required on heavier soils, use the other registered herbicide at the higher recommended dosage rate. Refer to the relevant labels.

INDUSTRIAL WEED CONTROL:

SITE OF APPLICATION	DOSAGE RATE	SPOT TREATMENT	REMARKS
Roadsides, Railway tracks & Industtrial sites	10ℓ/ha	50mℓ/50m^2	Where perennial grasses occur, **Diuron 800 SC** can be used in combination with a registered graminicide. Refer to the relevant labels.

WEEDS CONTROL:

Diuron 800 SC will control annual weeds at the recommended dosage rates as a pre-emerge treatment. It is taken up by the roots of seedlings as they germinate. It can be mixed with other herbicides for early post emerge weed control.

Weeds Controlled by **Diuron 800 SC**

Ageratum conyzoides	Billy goat weed	Bokkruid
Amaranthus hybridus	Cape pigweed	Kaapse misbredie
Amaranthus spinosus	Thorny pigweed	Doringmisbredie
Amaranthus thunbergii	Red pigweed	Rooimisbredie
Bidens bipinnata	Spanish blackjack	Spaanse knapsekêrel
Bidens formosa	Cosmos	Kosmos
Bidens pilosa	Common blackjack	Gewone Knapsekêrel
Chenopodium album	White goosefoot	Withondebossie
Chenopodium carinatum	Green goosefoot	Groenhondebossie
Digitaria sanguinalis	Crab finger grass	Kruisvingergras
Eleusine indica	Goose grass	Jongosgras

Galinsoga parviflora	Gallant soldier	Knopkruid
Hibiscus trionum	Bladder weed	Terblansbossie
Portulaca oleracea	Common purslane	Gewone porslein
Schkuhria pinnata	Dwarf marigold	Kleinkakiebos
Setaria verticillata	Bur bristle grass	Klitssetaria
Tagetes minuta	Tall khaki weed	Lang kakiebos