

Read the label before opening the container.

For full particulars, see enclosed leaflet.

# ViRoAXE



South Africa Reg. No: L 6663 Act No. 36 of 1947

Namibia Reg. No: N-AR 0702 Act no 36 of 1947

A systemic emulsifiable concentrate herbicide for the control of woody plants and weeds as indicated for forestry, grass pastures and industrial areas.

HRAC HERBICIDE GROUP CODE: 0

## ACTIVE INGREDIENT:

Triclopyr (pyridyloxy compound as butoxyl ethyl ester) ...480g/ℓ

Product Information Tel no: 072 678 8226

In case of poisoning: 082 446 8946

[www.envirobiochem.co.za](http://www.envirobiochem.co.za)

Expiry Date:

Batch No:

Date of Manufacture:

**UN No. 3082**

**enviro**  
bio-chem

### Registration holder:

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

Reg. No: CK 1999/006136/07

44 Kerk Street, Lichtenburg

North West, South Africa 2740

Tel: +27 87 231 7261



HARMFUL  
SKADELIK



## **WARNINGS:**

- Poisonous by swallowing.
- Concentrate may cause irritation to eyes and skin.
- Store in a cool place.
- Store away from food, feed, seed and other agricultural chemicals and out of reach of children, uninformed persons and animals.
- May be toxic to fish.
- Flammable.
- In case of poisoning call a physician and make this label available to him/her.

**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:**

For your own safety, take the following precautions:

- Do not eat, drink or smoke while handling this product.
- Do not eat, drink or smoke before you have washed your hands, face and changed your clothing.
- After using this product, wash hands and face.
- Prevent contamination of food, feeds, drinking water and/or eating utensils.

### **When mixing:**

- Wear eye protection and impermeable gloves.
- Wash with soap and running water after accidental skin contact.
- In case of eye contact, flush eyes immediately with clean running water. Seek medical advice.

### **When spraying:**

- Do not inhale fumes or spray mist.
- Avoid contact with the spray solution.
- Wear suitable protective clothing.
- Prevent drift onto other crops, grazing, rivers, dams or areas not under treatment.

### **After spraying:**

- Clean applicator thoroughly after use and dispose of wash water where it will not contaminate food, crops, grazing, rivers or dams.
- Change and wash your work clothes.
- Wash your exposed skin area and entire body, including your hair and under fingernails, with soap and water.

- Rinse 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 contents of the spray tank before destroying the container by perforation and flattening and never use for any other purpose.

### **FIRST AID TREATMENT:**

Treat symptomatically as indicated.

- EYES:** Flush eyes with plenty of water.
- SKIN:** Wash off in flowing water or shower.
- INHALATION:** Remove to fresh air if effects occur. Consult a physician.
- INGESTION:** Do not induce vomiting. Call a physician and/or transport to emergency facility immediately.

### **NOTE TO PHYSICIAN:**

The decision of whether to induce vomiting or not should be made by an attending physician. If lavage is performed, endotracheal and/or esophageal control is suggested. Danger from lung aspiration must be weighed against toxicity when considering emptying the stomach. No specific antidote. Supportive care. Treatment based on judgment of the physician in response to reactions of the patient.

### **RESISTANCE WARNING:**

For resistance management of ViRoAXE is a **group code O** herbicide. Any weed population may contain individuals naturally resistant to ViRoAXE and other **group code O** herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds may not be controlled by ViRoAXE or any other **group O** herbicides.

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 holders of this product.

**DIRECTIONS FOR USE:** Use only as indicated

### **USE PRECAUTIONS:**

Ensure that the person assigned to apply the product is properly trained in its use.

### **COMPATIBILITY:**

ViRoAXE is compatible with **BOOSTER OIL (L6148 Act 36 of 1947)** and glyphosate (**TumbleWeed - L4781 Act 36 of 1947**). In case of any uncertainty contact your nearest ViRoAXE supplier.

### **MIXING INSTRUCTIONS:**

For foliar applications, half fill the spray tank with water and add the required quantity of ViRoAXE. While filling the spray tank add **BOOSTER OIL** at the rate indicated below while maintaining constant agitation.

## APPLICATION:

- Avoid drift.
- Do not spray under conditions when spray drift to desirable vegetation may occur.
- Always calibrate the equipment under field conditions.

### A. Foliar Application: (Use only on actively growing plants with full leaf cover)

- Apply as a full cover spray to leaves and stems.
- Do not apply to wet foliage.
- Avoid spray drift onto non-target plants, rivers, dams and untreated areas.
- Rain after application will have no effect on efficacy provided the spray has dried on the target plants.
- Use a knapsack sprayer with a solid cone nozzle (e.g. Spraying Systems TG-1, Delavan CE 1 or equivalent type) that will ensure an even coverage of the target area. Maintain a constant pressure of between 200 - 250kPa.

### B. Cut Stump Application:

- Apply immediately or within 12 hours of felling.
- ViRoAXE in diesel should not be applied to stumps if surface is wet from rain or dew..
- Use solid cone nozzle tips (e.g. Spraying Systems TG-1, Delevan CE or equivalent type) at 100kPa (low pressure).
- Apply mixture to the point of run-off according to directions for stump and cut stumps in the table below.

### C. Basal Bark Treatment (for plants with stem diameter up to 10cm):

- ViRoAXE in diesel should not be applied to stems if surface is wet from rain or dew.
- Apply by paintbrush or knapsack as a coarse low-pressure spray using a narrow angle solid cone nozzle. Apply all round to the basal stem or trunk of the woody plant from soil level to a height indicated, as well as any exposed roots. In order to obtain satisfactory results a thorough wetting of the indicated area is imperative. Old or rough bark may require more mixture than young or smooth bark. In the case of multi-stemmed plants, each stem should be treated separately.

## DOSAGE RATES AND METHODS OF APPLICATION:

### A. Foliar Application:

**NOTE: BOOSTER OIL SHOULD BE ADDED AT A RATE OF 500ml/100l SPRAY MIX**

For all foliar applications.

Only apply to actively growing plants.

Ensure thorough wetting to the point of runoff.

PLANT SPECIES	ViRoAXE/100l WATER	REMARKS
<i>Acacia cyclops</i> (Red Eye) <i>Acacia saligna</i> (Port Jackson willow)	500ml (0.5% mixture)	Only apply to young trees < 2m in height.
<i>Acacia longifolia</i> (Long-leaved wattle)	600ml (0.6% mixture)	Only apply to young trees < 2m in height

PLANT SPECIES	ViRoAXE/100ℓ WATER	REMARKS
<i>Acacia dealbata</i> (Silver wattle) <i>Acacia mearnsii</i> (Black wattle)	250 - 750mℓ (0.25% - 0.75% mixture)	Lower rate can be used on saplings < 50cm. Higher rate on young trees 0.5 - 2m tall.
<i>Asclepias fruticosa</i> (Shrubby milkweed)	500mℓ (0.5% mixture)	Ensure thorough wetting of all exposed plant parts.
<i>Caesalpinia decapetala</i> (Mauritius thorn)	500mℓ (0.5% mixture)	Apply to young trees up to a maximum of 3m height. Taller plants must be cut back and regrowth treated only once it is 50cm or higher
<i>Chromolaena odorata</i> (Triffid weed)	375mℓ (0.375% mixture)	Apply to young trees up to a maximum of 3m height. Taller plants must be cut back and regrowth treated only once it is 50cm or higher.
<i>Eucalyptus grandis</i> (Bluegum)	750mℓ (0.75% mixture)	Apply to leaves and stems when coppice is between 1 and 1.5m in height. Ensure that surfaces are thoroughly wetted. repeat treatment if regrowth occurs.
<i>Rubus cuneifolius</i> (American bramble)	500mℓ (0.5% mixture)	Treat young actively growing trees, using 300 - 400ℓ spray mixture per treated hectare. Large plants should be slashed and treated when regrowth reaches 0.5m in height
<i>Sesbania punicea</i> (Sesbania)	500mℓ (0.5% mixture)	Plants up to 2m high may be treated. taller plants must be cut back and regrowth treated when > 50cm tall.
<i>Solanum mauritianum</i> (Bugweed)	500mℓ (0.5% mixture)	Treat plant up to 1.5m tall. Taller plants must be cut back and regrowth treated when at least 50cm tall.
<i>Solanum sisymbriifolium</i> (Wild tomato)	500mℓ (0.5% mixture)	Apply to actively growing plants until point of runoff.

#### B. Stump application:

PLANT SPECIES	ViRoAXE/100ℓ DIESEL	REMARKS
<i>Acacia dealbata</i> (Silver wattle)	2ℓ (2% mixture)	Cut 10 - 15cm above ground level. Apply to cut surface and all exposed bark and root crown of stumps.
<i>Cestrum laevigatum</i> (Inkberry)	1ℓ (1% mixture)	Cut stumps 10 - 15cm above ground. Apply to cut surface and all exposed bark and roots.

## B. Stump application:

PLANT SPECIES	ViRoAXE/100ℓ DIESEL	REMARKS
<i>Chromolaena odorata</i> (Triffid weed)	1ℓ (1% mixture)	Cut stumps 10 - 15cm above ground. Apply to cut surface and all exposed bark and roots.
<i>Eucalyptus grandis</i> (Bluegum) <i>Eucalyptus diversicolor</i> (Karri)	2ℓ (2% mixture)	Treat the cleaned, active growing region (cambium) of the cut surfaces, all the bark, root crown and any exposed roots. Spray to the point of runoff. Monitor the area and reapply to coppice if necessary.
<i>Prosopis glandulosa</i> (Mesquite)	4ℓ (4% mixture)	Cut trees 10 - 15cm above ground. Apply to cut stump (bark, root crown and exposed roots). Monitor the are and repeat steps above to all regrowth.
<i>Protasparagus laricinus</i> (Wild asparagus)	2ℓ (2% mixture)	Cut stems 10 - 15cm above ground. Apply to cut stem surfaces and any exposed bark, root crown and roots. If any regrowth occurs, repeat steps above.
<i>Sesbania punicea</i> (Sesbania)	0.5ℓ (0.5% mixture)	Cut stumps 10 - 15cm above ground level. Apply to cut stem surfaces and any exposed bark, root crown and roots.
	1ℓ (1% mixture)	For application in water only treat cut stem surfaces.

## C. Basal Stem Application

PLANT SPECIES	ViRoAXE/100ℓ DIESEL	REMARKS
<i>Acacia decurrens</i> (Green wattle) <i>Acacia mearnsii</i> (Black wattle) <i>Acacia melanoxylon</i> (Blackwood)	2ℓ (2% mixture)	Ensure wetting of the root crown, exposed roots and stem up to a height of 25cm and ensure thorough wetting of all plants parts treated.
<i>Cestrum laevigatum</i> (Inkberry)	1ℓ (1% mixture)	Treat stems from ± 25cm downward. Also treat exposed root crown and roots ensuring thorough wetting of all plant parts treated.
<i>Melia azedarach</i> (Syringa)	2ℓ (1% mixture)	Treat stems from ± 25cm downward. Also treat exposed root crown and roots ensuring thorough wetting of all plant parts treated.
<i>Solanum mauritianum</i> (Bugweed)	2ℓ (2% mixture)	Treat stems from ± 25cm downward. Also treat exposed root crown and roots ensuring thorough wetting of all plant parts treated.

**ViRoAXE** controls trees and shrubs as listed in the tables above. The registration holder does not accept any responsibility for unlisted trees and shrub species not being controlled or failure of the product due to application methods used, not recommended by the registration holder.

**NB.** In situations where more than one species of target plant occurs contact your local technical representative. For assistance in the calibration for spot treatment please contact your local technical representative.