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

KEEP OUT OF REACH OF CHILDREN AND ANIMALS

PICLORAM

South Africa Reg. No: L8299 Act No. 36 of 1947

HRAC HERBICIDE GROUP CODE: 0

A water soluble residual systemic herbicide taken up through the leaves, roots and cut surfaces of plants for the control of certain woody plants in grazing, conservation areas and on non-crop land.

ACTIVE INGREDIENT:

Picloram (Potassium salt).....240g/ℓ

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

HAZARD STATEMENTS
- Causes serious eye irritation.
- Very toxic to aquatic life with long lasting effects.



PRECAUTIONARY STATEMENTS
- Wash hands, forearms, and face thoroughly after handling.
- Avoid release to the environment.

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:

- Causes serious eye irritation.
- Very toxic to aquatic life with long lasting effects.
- Store in a cool place.
- Store away from food, feeds, seeds and other agricultural chemicals.
- Keep out of reach of children, uninformed persons and animals.
- Re-entry Period: Do not enter the treated field until the spray deposit has dried unless wearing protective clothing.

Although this herbicide 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 such factors 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 weed against the herbicide 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:

- Wash hands, forearms, and face thoroughly after handling.
- Wear impervious rubber gloves and boots, protective clothing and chemical safety goggles.
- Avoid release to the environment.
- Clean the applicator with a household ammonia solution (1%) before using with other products - Allow the solution to stand in the applicator for several hours, preferably overnight - Rinse the applicator at least twice with clean water - This applicator should be used only for applying herbicides - Dispose of wash water where it will not contaminate food, grazing, rivers or dams.
- 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.
- Prevent contamination of food, feeds, drinking water and eating utensils.
- Do not use sprayed plants (grass, etc.) for compost purposes.
- Do not use the excretions of animals grazing in treated areas in compost or as fertilizer.

RELEVANT SUBSTANCES:

Picloram Potassium salt 24 %

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
If eye irritation persists: Get medical advice/attention.

RESISTANCE WARNING:

For resistance management, **PICLORAM** is a **group code O** herbicide. Any weed population may contain individuals naturally resistant to **PICLORAM** 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 **PICLORAM** or any other **group code O** 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.

USE RESTRICTIONS:

PICLORAM is active as a foliar and root absorbed herbicide, it is persistent in the soil and active against broadleaf plants and certain growth stages of grass crops. Apply only as recommended and adhere to label directions for use. Prevent spray mist drift on to sensitive broadleaf crops such as tobacco, cotton, fruit trees, vines, ornamentals, soil containing roots of these plants, soil in which such crops/plants are to be grown, grain varieties in a susceptible stage of growth or grazing or any other area not under treatment. Do not allow spraymist or drift to contaminate any water source such as rivers, dams or irrigation water. Do not apply to areas adjacent to desirable broad-leaved crops/plants or areas in which such crops are to be grown or where grain varieties are in a susceptible growth stage unless precautions are taken to avoid any possible spray drift contamination.

The wind speed and direction at the time of application will determine the distance which must separate the closest edge of the area to be sprayed from susceptible crops:

WINDSPEED km/h	GROUND APPLICATION
1.5 - 5	200m downwind 200m crosswind 6m upwind
5 - 10	400m downwind 200m crosswind 1.5m upwind
10 - 15	800m downwind 400m crosswind 1.5m upwind
More than 15	**DO NOT SPRAY**

DIRECTIONS FOR USE: Use only as directed.

METHODS OF APPLICATION:

Ground Application:

Knapsack Application: Use a knapsack sprayer with a solid cone nozzle that will ensure an even coverage of the target area. Avoid fine droplets and drift to non-target areas. Spray at a constant pressure of between 200 to 250kPa.

General:

- Do not apply if rain is likely within 3 hours.
- Do not apply to wet (rain, dew) plant surfaces.
- Do not apply if wind velocity exceeds 15km/h.
- The difference between the wet and dry bulb readings on a whirling hygrometer must not exceed 8ºC.

Cut Stump Treatment:

- Apply to the fresh cut surface preferably immediately after felling but within 3 hours of felling.
- **PICLORAM** should not be applied to the cut stump if the surface is wet from rain or dew.
- Apply with a knapsack as a coarse spray using a solid cone nozzle (e.g. Spraying Systems TG-1, Delavan CE 1 or equivalent type) at a low pressure (e.g. 100kPa).
- Do not exceed a spraying height of 20cm above target cut stump.
- Do not apply if the wind velocity exceeds 15km/h (as measured by handheld wind anemometer).

• The difference between the wet and dry bulb readings on a whirling hygrometer must not exceed 8 ºC.
• Apply according to directions in the table below.

Frill Method:
• Use an axe to make horizontal, downward angled cuts through the bark to penetrate but not go deeper than into the sapwood.
• Immediatelly apply **PICLORAM** into every cut, taking care that it is not wasted on the bark.
• Cuts should be connected and made around the entire circumference of the tree trunk as close to the soil surface as possible.
• Re-treat as necessary.

WARNING: If topkill is obtained but regrowth occurs from the tree, apply **PICLORAM** as a foliar spray to the regrowth. If trees have multiple stems, treat each stem separately.

Mixing:
Mix **PICLORAM** with water and add a wetter such as **Booster Oil** (Reg. No. L 6148) according to instructions for the different plants. Once the spray mixture has been well mixed, no further agitation is necessary.

RATES OF APPLICATION:
Foliar Application – Ground Application:
Apply as a full cover spray to the foliage of target plants.

NOTE: When using a knapsack for foliar application, a wetter such as **Booster Oil** should be added at a rate of 500mℓ/100ℓ spray mix (0.5% mixture).

High Volume Application: Add a foaming agent at a rate of 500mℓ/100ℓ of spray solution.

BUSH / SHRUB SPECIES	DOSIS / 100ℓ WATER	REMARKS
Bluegum (*Eucalyptus Grandis*)	1ℓ	See 'Note' on use of a wetter.
Bramble (*Rubus Cuneifolius*)	440mℓ	
Port Jackson (*Acacia Saligna*)	1ℓ	
Sweet Thorn (*Acacia Karroo*)	350mℓ	
Sickle Bush (*Dichrostachys Cinerea*)	350mℓ	
Lantana (*Lantana Camara*)	0.75 - 1ℓ	Use the higher rate for older plants and previously slashed plants with large stumps.

Cut Stump Application: See the 'Directions for use' above.

BUSH / SHRUB SPECIES	DOSIS / 100ℓ WATER	REMARKS
Silver Wattle (*Acacia Dealbata*)	1.5ℓ	Add 500mℓ Booster Oil per 100ℓ water. Cut stumps as close to the soil surface as possible – less than 15cm high. Apply the solution to the entire cut surface of stumps under 10cm diameter. Apply the solution to the cambium/bark area (sapwood) of large stumps. Apply to the point of run-off to cut surfaces. Apply as a spot spray to any foliar regrowth if necessary.
Black Wattle (*Acacia Mearnsii*)	1.5ℓ	
Port Jackson (*Acacia Saligna*)	2ℓ	
Paraffin Bush (*Chromolaena Odorata*)	1ℓ	
Bluegum (*Eucalyptus Grandis*)	1.5ℓ	
Lantana (*Lantana Camara*)	1.5ℓ	
Syringa (*Melia Azedarach*)	2ℓ	
Grey Poplar (*Populus Canescens*)	2ℓ	
Bugweed (*Solanum Mauritianum*)	1ℓ	

Frill Application: See 'Directions for use' above.

BUSH / SHRUB SPECIES	DOSIS / 100ℓ WATER	REMARKS
Black Wattle (*Acacia Mearnsii*)	600mℓ	Add 200mℓ Booster Oil per 10ℓ water.
Port Jackson (*Acacia Saligna*)	200mℓ	Add 200mℓ Booster Oil per 10ℓ water.
Bluegum (*Eucalyptus Grandis*)	200mℓ	Add 50mℓ Booster Oil per 10ℓ water.

PICLORAM controls trees and shrubs. Other trees and shrubs that were not present during the development trials with this product may also be controlled to a certain degree. The registration holder does not accept responsibility for treatment of unlisted trees and shrubs.

Booster Oil Reg. No: L6148, Act No: 36 of 1947.