

EXPYRT 480 EC

L10282 – Act 36 of 1947

HRAC HERBICIDE GROUP CODE 0

Active Ingredients: Triclopyr (pyridyloxy compound as butoxyl ethyl ester) 480 g / l

Registration Holder: EASYGREEN HOLDINGS (PTY) LTD (2010/023937/07)



Office No: 021 981 4011
21 Viben Street, Brackenfell
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WARNINGS:

Hazard Statements:
Flammable liquid and vapour. Harmful if swallowed. May be harmful in contact with skin. Causes skin irritation. Causes serious eye damage. Toxic if inhaled. May cause damage to organs through prolonged or repeated exposure. Toxic to aquatic life with long lasting effects.

- Store in a cool, dry place.
- Store away from food, feed, seed and other agricultural chemicals.
- Keep out of reach of children, uninformed persons and animals.
- Re-entry Interval: Do not enter treated area within 1 day after treatment unless wearing protective clothing.

DISCLAIMER:

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, quality of water, compatibility with other substances not indicated on the label and the occurrence of resistance of the weed against the remedy, as well as by the method, time and accuracy of application. The registration holder furthermore does not accept responsibility for damage to crops, vegetation, and the environment or harm to man or animal, or for lack of performance of the remedy concerned due to failure by 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:

Precautionary Statements

General: If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read label before use. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Prevention: Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion-proof equipment. Use non-sparking tools. Take action to prevent static discharges. Do not breathe vapours, spray. Avoid breathing vapour, spray. Wash hands, forearms and face thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective clothing, eye protection, face protection, protective gloves.

Response: IF SWALLOWED: Call a poison centre or a doctor if you feel unwell. IF ON SKIN: Wash with plenty of water. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical advice. Immediately call a doctor. Specific treatment (see supplemental first aid instruction on this label). Rinse mouth. If skin irritation occurs: Get medical advice. Take off contaminated clothing and wash it before reuse. In case of fire: Use carbon dioxide (CO₂), dry extinguishing powder, foam to extinguish. Collect spillage

Storage: Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up,

Disposal: Dispose of contents and container to an approved waste disposal plant.

- For your own safety take the following precautions:
- Do not eat, drink or smoke while handling this product.
- Do not eat, drink or smoke while mixing or applying the product or before washing hands and face and changing clothing.
- After using this product wash hands and face.
- Prevent contamination of food, feeds, drinking water and 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, and 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 rinsing 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 your finger nails with soap and water.
- Triple rinse empty containers 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 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 described manner.
- Destroy the empty container by perforation and flattening and dispose of it in a safe manner.
- Never re-use the empty container for any other purpose.

RELEVANT SUBSTANCES:

| Name | Product Identifier |
|------------------------------------|---------------------|
| Tricloper 96% TC | CAS-NO.: 64700-56-7 |
| Solvent Naphta | CAS-NO.: 64742-94-5 |
| Fatty alcohol Polyoxethylene ether | CAS-NO.: 9002-92-0 |

SYMPTOMS OF HUMAN POISONING:

Symptoms relating to use:

Skin Contact: Irritating to skin (itching, redness, pain).

Eye Contact: Not expected to present a significant eye contact hazard under anticipated conditions of normal use.

Ingestion: Abdominal pain, nausea, breathing difficulties, harmful. May cause lung damage if swallowed.

FIRST AID TREATMENT:

Skin Contact: For even minor contact, remove contaminated clothing, shoes and leather goods. Wash skin gently and thoroughly with water and non-abrasive soap. If irritation persists, obtain medical attention.

Eye Contact: Immediately flush the contaminated eyes with gently flowing clean water for 20 minutes, holding the eyelid(s) open until no evidence of chemical remains. If irritation persists, obtain medical attention.

Inhalation: Assure fresh air breathing. Remove source of contamination or move victim to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. If breathing difficulty persists, obtain medical attention.

Ingestion: Do not induce vomiting. Have victim rinse mouth thoroughly with water. Obtain medical advice.

NOTE TO PHYSICIAN:

No specific antidote is available. Treat symptomatically and supportively when required.

RESISTANCE WARNING:

EXPYRT is a group code 4 herbicide. Any weed population may contain individuals naturally resistant to EXPYRT and any other group code 4 herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds may not be controlled by EXPYRT or any other group code 4 herbicide.

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 the control methods (chemical, cultural, biological) into weed control programmes.

For specific information on resistance management contact the registration holder of this product.

MODE OF ACTION:

Synthetic auxin (acting like indolyacetic acid). Selective, systemic herbicide, rapidly absorbed by the foliage and roots, with translocation throughout the plant, accumulating in meristematic tissue. Induces auxin-type responses in susceptible species.

DIRECTIONS FOR USE: Use only as directed.

Use Precaution:

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

Compatibility:

- **EXPYRT** is compatible with Hyper Medium Oil (Reg. Nr.: L7355) and with formulations containing glyphosate.
- In case of any uncertainty contact the nearest **EXPYRT** supplier.

Mixing Instructions:

- For foliar applications, half-fill the spray tank with water, then add the required quantity of **EXPYRT** into the tank while stirring.
- While filling the spray tank with water to the required level, add Hyper Medium Oil at the rate indicated below.
- Maintain constant agitation.
- Ensure continuous agitation during filling and spraying operations.

Application Instructions:

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

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, other crops, grazing, rivers, dams or areas not under treatment.
- Do not apply if there is a probability rain shortly after application. Rain 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 CE1 or equivalent type, that will ensure an even coverage of the target area.
- Maintain a constant pressure of between 20 to 250 kPa.
- When applied using a tractor and boom, use about 350 lts per hectare or enough to give good foliar coverage.

Cut stump application:

- Apply within 12 hours of cutting/felling.
- When **EXPYRT** is applied in diesel it should not be applied to stumps that are wet from rain or dew.
- Apply the spray mixture at a low pressure of 10kPa and use solid cone nozzles e.g. Spraying Systems TG-1, Delavan or equivalent type.
- Apply the mixture to the point of run-off according to directions for stump application in the table below.

Basal Bark Treatment:
(for plants with a stem diameter of up to 10cm)

- **EXPYRT 480 EC** in diesel should not be applied to stems if the bark is wet from rain or dew.
- Apply by paint brush or knapsack as a coarse low-pressure spray using 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 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 applications:

Hyper Medium Oil should be added at a rate of 50 ml per 10 l spray mixture for all foliar applications.

| Plant Species | EXPYRT 480 EC per 10l water | Remarks |
|--|--------------------------------------|--|
| <i>Acacia cyclops</i> (Red eye) | 50 ml (0,5 % mixture) | Only apply to young trees less than 2 metre in height. |
| <i>Acacia saligna</i> (Port Jackson willow) | | |
| <i>Acacia longifolia</i> (Long leaved wattle) | 60 ml (0,6% mixture) | |
| <i>Acacia dealbata</i> (Silver wattle) | 25 – 75 ml (0,25 – 0,75% mixture) | Lower rate can be used on saplings less than 50 cm. Higher rate on young trees 0,5 to 2 metre tall. |
| <i>Acacia mearnsii</i> (Black wattle) | | |
| <i>Asclepias fruticosa</i> (Shrubby milkweed) | 37.5 ml (0,375 % mixture) | Apply to actively growing plants until the point of run-off. |
| <i>Caesalpinia decapatala</i> (Mauritius thorn) | 50 ml (0,5 % mixture) | Apply to young, actively growing plants up to a maximum height of 3 metres. |
| <i>Chromolaena odorata</i> (Paraffin weed) | 50 ml (0,5 % mixture) | Taller plants must be cut back and regrowth treated only once it is 50 cm or higher. |
| <i>Eucalyptus grandis</i> (Bluegum) | 75 ml (0,75 % mixture) | Apply to leaves and stems when coppice is between 1,0 and 1,5 m in height. Ensure that surfaces are thoroughly wetted. Repeat treatment if regrowth occurs and reaches 0,4 metre. |
| <i>Pereskia aculeate</i> (Pereskia) | 50 ml (0,5 % mixture) | Use a spray volume per hectare according to plant density. Plants should be reduced to a height of 2 m. All dead plant material should be removed and burned. |
| <i>Rubus cuneifolius</i> (American bramble) | 50 ml (0,5 % mixture) | Treat young actively growing plants, using 300 to 400 litre spray mixture per treated hectare. Large plants should be slashed and treated when regrowth reaches 0,5 metre in height. |
| <i>Sesbania punicea</i> (Sesbania) | 50 ml (0,5 % mixture) | Plants up to 2 metre high may be treated. Taller plants must be cut back and regrowth treated when at least 50 cm tall. |
| <i>Solanum mauritianum</i> (Bugweed) | 50 ml (0,5 % mixture) | Treat plants up to 1,5 metre tall. Taller plants must be cut back and regrowth sprayed when at least 5 cm tall. |
| <i>Solanum sisymbriifolium</i> (Wild tomato) | 50 ml (0,5 % mixture) | Apply to actively growing plants ensuring a thorough wetting. Limited regrowth may occur requiring a follow-up treatment. |
| <i>Stoebe plumose</i> (Slangbos) | 50 ml (0,5 % mixture) | |

B Cut Stump Application:

| Plant Species | EXPYRT 480 EC per 10l diesel | Remarks |
|--|------------------------------|---|
| <i>Acacia dealbata</i> (Silver wattle) | 200ml (2,0% mixture) | Cut 10 to 15 cm above ground level. Apply to cut surface and all exposed bark and root crown of stumps. |
| <i>Acacia mearnsii</i> (Black wattle) | | |
| <i>Chromolaena odorata</i> (Triffid weed) | 100ml (1,0% mixture) | Cut stems approximately 10 cm above ground. Apply to all cut surfaces and all exposed bark and roots. |

| | | |
|--|---|---|
| <i>Eucalyptus grandis</i> (Saligna gum) | 200ml (2,0 % 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 run-off. Monitor the area and re-apply to coppice if necessary. |
| <i>Prosopis spp</i> (Mesquite) | 400ml (4,0 % mixture) | Cut trees 10 to 15cm above ground. Apply to cut stump (bark, root crown and exposed roots). Monitor the area and repeat steps above to all regrowth. |
| <i>Sesbania punicea</i> (Sesbania) | 50ml (0,5 % mixture) | Cut stumps approximately 10 cm above ground level. Apply to cut stem surfaces and any exposed bark, rot crown and roots. |
| | OR 100ml in water (1,0 % mixture) | For application in water only treat cut stem surfaces (not bark). Add wetting agent to mixture. |

C Basal Stem Applications:

| Plant Species | EXPYRT 480 EC per 10l diesel | Remarks |
|--|------------------------------|--|
| <i>Acacia mearnsii</i> (Black wattle) | 200ml (2,0 % mixture) | Treat stems from approximately 25 cm downward. Also treat exposed root crown and roots ensuring thorough wetting of all plant parts treated. Deep rooted species may regrow. Foliar applications on all such regrowth is essential to ensure proper control. |
| <i>Cestrum laevigatum</i> (Inkberry) | 100ml (1,0 % mixture) | |
| <i>Melia azedarach</i> (Syringa) | 200ml (2,0 % mixture) | |
| <i>Robinia pseudoacacia</i> (Black locust) | 200ml (2,0 % mixture) | |
| <i>Schinus terebinthifolius</i> (Brazilian pepper tree) | 200ml (2,0 % mixture) | |
| <i>Solanum mauritianum</i> (Bugweed) | 200ml (2,0 % mixture) | |

D Sugarcane (NB: Do not use Hyper Medium Oil or any other wetter)

| Plant Species | EXPYRT 480 EC per 10l diesel | Remarks |
|--|------------------------------|--|
| <i>Anredera basselloides</i> (Madeira vine) | 50 ml (0,5% mixture) | Apply to the weeds as a directed spot spray. Ensure thorough coverage of the target weeds. |
| <i>Physalis viscosa</i> (Sticky gooseberry) | | |

EXPYRT 480 EC controls the 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 on this label or recommended by the registration holder.

NOTE: In situations where more than one species of target plant occurs contact your supplier or the registration holder. For assistance with calibration and spot treatment, contact your supplier or the registration holder.