

WARNINGS:

Hazard Statements: May be harmful in contact with skin. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. May cause damage to organs through prolonged or repeated exposure. Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.

- Store in original container in a cool, dry place away from food, feed, seed and other agricultural chemicals.
- Keep out of reach of children, uninformed persons and animals.
- In case of poisoning, call a doctor and make this label available to him/her.

GRAZING RESTRICTIONS:

- Animals intended for meat which are grazing up to two weeks after treatment should be removed from treated area at least three days prior to slaughter.
- Lactating dairy animals must not graze on treated area within two weeks of treatment.

GRAZING OF POISONOUS PLANTS:

Certain poisonous plants may become more palatable after spraying. Do not graze treated areas until these poisonous plants have dried, died down and are no longer palatable to livestock.

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 dilution water, compatibility with other substances not indicated on the label and the occurrence of resistance of weeds 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 instructions or to the occurrence of conditions which could not have been foreseen in terms of the registration.

Consult the supplier or registration holder in the event of any uncertainty.

PRECAUTIONS:

Precautionary Statements

Prevention: Do not breathe vapours, spray. Wash hands, forearms and face thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

Response IF ON SKIN: Wash with plenty of soap and water. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor. Call a poison center or doctor if you feel unwell. Get medical advice/attention if you feel unwell. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Collect spillage.

Storage: Store in a well-ventilated place. Store locked up.

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

- Prevent contamination of food, feed, drinking water and eating utensils.
- **Re-entry Interval:** Do not enter treated area until spray deposit has dried unless wearing protective clothing.
- Prevent spray drift onto other crops, grazing, rivers, dams or areas not under treatment.
- **TRIPLE RINSE the empty container as follows:** Invert the empty container over the spray or mixing tank and drain for at least 30 seconds after the flow has slowed down to dripping. Thereafter rinse the empty container *three times* in succession with one quarter of the container volume fresh water and decant the rinsate into the spray or mixing tank. Puncture the triple rinsed container and dispose of via an approved collector or recycler (www.croplife.co.za). Do not bury, burn or donate the container to any other parties that may use it as a container for food or beverages.
- Destroy empty container and do not use for any other purpose.
- Prevent contamination of food, feeds, drinking water and eating utensils.

After spraying:

Clean applicator with a 1% 'household ammonia' solution before re-using. Let this solution stand for several hours and preferably overnight. Then rinse at least twice with clean water. This applicator should not be used for applying any chemicals other than herbicides. Dispose of wash water so that it will not contaminate food, grazing, rivers or dams.

QUORUM 160 ME

Reg. No. / Nr L10048 Act No. 36 of 1947/ Wet Nr 36 van 1947

HERBICIDE



READ THE LABEL AND ATTACHED PACKAGED LEAFLET BEFORE USE
KEEP OUT OF REACH OF CHILDREN AND ANIMALS

HRAC HERBICIDE GROUP CODE:

4

HRAC ONKRUIDDODERGROEP CODE:

A micro-emulsion of a systemic herbicide for the control of woody plants and other weeds as listed in forestry, grass pastures, conservation and industrial areas.

'n sistemiese mikro-emulsie onkruidodder vir die beheer van houtagtige plante en onkruid soos aangetoon in bosbou, grasweidings, bewarings- en nywerheidsgebiede.

ACTIVE INGREDIENT/AKTIEWE BESTANDDEEL:

Picloram (Pyridine Compound)	80 g/ℓ	Pikloram (Piridienvbinding)
(as tri-isopropanolamine salt)		(as tri-isopropanolamiensout)
Fluroxypyr (Pyridine Compound)	80 g/ℓ	Fluoksipir (Piridienvbinding)
(as methyl heptyl ester)		(as metiel-heptielester)



DANGER

Hazard Statements:

May be harmful in contact with skin.
Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye damage.
May cause damage to organs through prolonged or repeated exposure.
Very toxic to aquatic life.
Toxic to aquatic life with long lasting effects.

Precautionary Statements:

Do not breathe vapours, spray.
IF ON SKIN: Wash with plenty of soap and water.
IF IN EYES: Rinse cautiously with water for several minutes.
Immediately call a poison center or doctor.
If skin irritation or rash occurs: Get medical advice/attention.

Batch No:

D.O.M:

D.O.E:

Net Mass:

See reverse of drum for details.

FOR FULL PARTICULARS SEE ATTACHED PAMPHLET.

VIR VOLLEDIGE BESONDERHEDE KYK AANGEHEGTE ETIKET.

UN No. / VR Nr: 3082



REGISTRATION HOLDER/ REGISTRASIEHOUER
Cedar Falls Properties 130 (Pty) Ltd
Reg. Nr: Reg. 2006/031383/07
61 Marshall Drive, Old Mill Industrial Park,
Mount Edgecombe, South Africa, 4300
Tel: 031 003 3486

Poison Information Helpline (24 hrs): 0861 555 777



BARCODE

100468

- 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.
- Do not spray, drain or flush equipment on or near desirable trees or plants or where their roots may extend

RELEVANT SUBSTANCES:

NAME	PRODUCT IDENTIFIER
Fluroxypyr TC	CAS-No.: 81406-37-3
Picloram TC	CAS-No.: 2545-60-0
2-(tricycloxy) ethyl dihydrogen phosphate	CAS-No.: 9046-01-9
Solvent Naphtha	CAS-No.: 64742-94-5
triisopropanolamine	CAS-No.: 122-20-3

SYMPTOMS OF HUMAN POISONING:

There are no specific signs of poisoning. Symptoms relating to use:

Prolonged or repeated 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. The concentrate may cause severe eye irritation.

Ingestion: Harmful effects not anticipated from swallowing smallamounts.

Vapours: Prolonged exposure to vapours not likely to be hazardous.

FIRST AID TREATMENT:

Eyes: Hold eye open and rinse slowly and gently with clean, flowing water for at least 15 – 20 minutes. Remove contact lenses if present and after first 5 minutes and then continue rinsing. If irritation persists seek medical advice.

Skin: Remove contaminated clothing, shoes and leather goods. Wash skin gently and thoroughly with water and non-abrasive soap. If irritation persists, obtain medical attention.

Ingestion: In case of accidental ingestion, do not induce vomiting unless told to do so by a poison control center or doctor. Have victim rinse mouth thoroughly with water. Do not give anything by mouth to an unconscious person. Seek medical attention.

Inhalation: Remove source of contamination or move victim to fresh air. Assure fresh air breathing if effects occur. Seek medical advice.

NOTE TO PHYSICIAN: No specific antidote. Treat symptomatically and supportively when required. If lavage is performed, suggest endotracheal and / or esophagosopic control.

MODE OF ACTION:

Picloram: Selective, systemic herbicide, absorbed by roots and eaves, translocated both acropetally and basipetally in the phloem and xylem, accumulating in new growth.

Fluroxypyr: Selective, systemic herbicide, absorbed primarily by foliage, translocated acropetally and basipetally in the phloem and xylem to other parts of the plants. Induces characteristic auxin-type responses, eg. Leave curling.

USE RESTRICTIONS:

Precautions for avoiding damage to non-target plants:

- **Do not allow spray mist** to come into contact with sensitive broadleaf crops, fruit trees, or ornamentals or onto the soil which contains roots of these plants or soil in which such plants are to be grown. Also, do not allow spray or drift to come into contact with grain varieties in a susceptible stage of growth as well as grazing areas or any other area not intended for treatment.
- **Do not apply** when circumstances favor movement from treated site.
- **Do not allow the spray or drift to contaminate any water intended for irrigation or domestic purposes.** To avoid damage to crops or other desirable plants, do not allow spray, spray drift or run-off to come into contact with the banks or bottoms of irrigation ditches, canals,

streams, dams or rivers. This is if they are either dry or containing water that may be used for irrigation or domestic purposes or may carry water to an irrigation facility.

- **Do not apply to areas that may be rotated with any broadleaf crop.**
- **Do not use manure** from animals grazing treated areas on land used for growing broadleaf crops, ornamentals, orchards or other susceptible crops. Manure may contain enough picloram to cause injury to susceptible plants.
- **Do not use grass or sprayed plants** from treated areas for composting or mulching of susceptible broadleaf plants or crops.
- **Do not transfer livestock** from treated grazing areas (or feeding of treated grass) onto sensitive broadleaf crop areas without first allowing 7 days of grazing on an untreated grass pasture. Otherwise, urine and manure may contain enough picloram to cause injury to sensitive broadleaf plants.
- **Do not use on flood irrigated lands or fields.**
- **Do not spray if the loss of forage legumes, including clover, cannot be tolerated.** New legume seedlings may take years to re-establish.
- **Do not move treated soil** to areas other than sites for which **QUORUM 160 ME** is registered for use.
- **Do not apply to land CLOSE to desirable broadleaved plants** or land on which such plants are to be grown or grain varieties in a susceptible stage of growth. It may, however, be applied in the VICINITY of desirable broadleaved plants, or soil or land onto which such plants are to be grown, or grain varieties in a susceptible stage of growth, provided that adequate precautionary measures are taken to avoid spray drift or contamination of run-off areas.
- **Do not apply to weeds which are stressed** or not properly growing due to stress caused by things like drought or lack of nutrition.
- **Apply the product strictly in accordance with the application directions.**

DIRECTIONS FOR USE: Use only as directed.

Compatibility: **QUORUM 160 ME** is compatible with Hyper Medium Oil and Actipron Super

MIXING: Half fill the spray tank with water and add the required quantity of **QUORUM 160 ME**. While filling the spray tank add the wetter at the rates indicated below whilst maintaining constant agitation.

Application:

FOLIAR:

- Apply as a complete cover spray to leaves and green shoots of actively growing plants with full leaf cover. Best results are usually obtained in spring or early summer when moisture and temperature are favorable.
- Wet the foliage until the point of run-off.
- Do not apply to foliage that is wet from rain/dew or if rain is expected within 3 hours.
- Avoid spray drift onto non-target plants.
- Do not spray when the wind speed exceeds 15 km/h.
- The difference between the wet and dry bulb thermometer readings as determined by a whirling hygrometer should not exceed 8 °C.
- When using a knapsack sprayer use a solid cone nozzle (e.g. Spraying Systems TG1 or equivalent). Apply as a coarse spray, avoiding fine droplets. Ensure even coverage of the target area. Apply at a constant pressure of 200 – 250 kPa. Maintain a distance of ± 50 cm from target area.

CUT STUMP:

- Apply immediately after felling or within 30 minutes. Do not apply more than 3 hours after felling.
- Do not apply when the cut stump surface is wet from rain or dew.
- Apply as a coarse spray using solid cone nozzle (Spraying Systems TG-1, Delavan CE 1 or equivalent type)
- Apply at a constant low pressure of 100 kPa.
- Do not exceed a spray height of 20 cm above target.
- Best results are usually obtained in spring or early to mid-summer.

FRILL METHOD:

- Use an axe to make horizontal, downward angled cuts through the bark to penetrate but not go deeper than into the sapwood. Cuts should be as close to the soil surface as possible and connected around the entire circumference of the trunk. Check for sap flow or bleeding and immediately apply spray mixture into every cut, taking care that it is not wasted on the bark.
- If the trees have multiple stems, treat each one separately
- If re-growth occurs from the crown retreat as necessary as a foliar treatment with a herbicide registered for such use.

**RATES AND METHODS:
FOLIAR APPLICATIONS:**

NOTE: ACTIPRON SUPER or HYPER MEDIUM OIL should be added at a rate of 500 mℓ/100 litres spray mix for all foliar applications.

PLANT	RATE / 100 ℓ WATER	REMARKS
<i>Acacia mearnsii</i> (Black wattle)	125 mℓ (0,125 % mixture)	See DIRECTIONS FOR USE above. Apply to actively growing, leafy plants until the point of run-off. Ensure the weeds have dense foliage. Plants too high for good coverage should be slashed and the regrowth sprayed when not less than 0,5 m high. In the event of any regrowth a follow-up foliar spray should be carried out.
<i>Acacia longifolia</i> (Long leaf wattle)	500 mℓ (0,50 % mixture)	
<i>Acacia melanoxylon</i> (Blackwood)	500 mℓ (0,50 % mixture)	
<i>Acacia saligna</i> (Port Jackson)	500 mℓ (0,50 % mixture)	
<i>Anredera baselloides</i> (Madeira vine)	500 mℓ (0,5 % mixture)	
<i>Asclepias fruticosa</i> (Shrubby milkbush)	750 mℓ (0,75 % mixture)	
<i>Campuloclinium macrocephalum</i> (Pom pom weed)	375 mℓ (0,375 % mixture)	
<i>Chromolaena odorata</i> (Paraffin weed)	750 mℓ (0,75 % mixture)	
<i>Cirsium vulgare</i> (Spear thistle)	750 mℓ (0,75 % mixture)	
<i>Eucalyptus grandis</i> (Saligna gum)	500 mℓ (0,5 % mixture)	
<i>Lantana camara</i> (Lantana)	1,5 ℓ (1,5 % mixture)	Be aware of the potential damage that could be caused to the supporting indigenous vegetation.
<i>Parthenium hysterophorous</i> (Demoina weed)	500 mℓ (0,5 % mixture)	
<i>Peuraria lobata</i> (Kudzu vine)	500 mℓ (0,5 % mixture)	
<i>Psidium guajava</i> (Guava)	1,5 ℓ (1,5 % mixture)	
<i>Robinia pseudoacacia</i> (Black locust)	1,5 ℓ (1,5 % mixture)	
<i>Rubus cuneifolius</i> (American bramble)	750 mℓ (0,75 % mixture)	
<i>Solanum mauritianum</i> (Bugweed)	250 mℓ (0,25 % mixture)	
<i>Tithonia diversifolia</i> (Mexican sunflower)	750 mℓ (0,75 % mixture)	

CUT STUMP:

NOTE: ACTIPRON SUPER or HYPER MEDIUM OIL should be added to the spray mixture at a rate of 500 mℓ / 100 litres for all cut stump applications.

PLANT	RATE / 100 ℓ WATER	REMARKS
<i>Acacia mearnsii</i> (Black wattle)	2,0 ℓ (2,0 % mixture)	See DIRECTIONS FOR USE above. Apply to low cut stumps (10 – 20 cm high) preferably with a single cut surface. Apply to complete cut surface and root crown of stumps with a diameter of less than 10 cm. Where multiple stumps are present, all cut surfaces must be treated. For bigger stumps, apply to the cambial region (sapwood) of the cut surface and rootcrown. In all cases, apply until the point of run-off. In the event of any regrowth a follow-up foliar spray should be carried out using a suitably registered herbicide.
<i>Acacia melanoxylon</i> (Blackwood)	2,0 ℓ (2,0 % mixture)	
<i>Acacia saligna</i> (Port Jackson)	2,0 ℓ (2,0 % mixture)	
<i>Chromolaena odorata</i> (Paraffin weed)	750 mℓ (0,75 % mixture)	
<i>Eucalyptus cladocalyx</i> (Sugar gum)	4,5 ℓ (4,5 % mixture)	
<i>Eucalyptus grandis</i> (Saligna gum)	3,0 ℓ (3,0 % mixture)	
<i>Eucalyptus sideroxylon</i> (Black ironbark)	4,5 ℓ (4,5 % mixture)	
<i>Eucalyptus smithii</i> (Gully gum)	4,5 ℓ (4,5 % mixture)	
<i>Lantana camara</i> (Lantana)	1,5 ℓ (1,5 % mixture)	
<i>Melia azedarach</i> (Syringa)	1,5 ℓ (1,5 % mixture)	
<i>Ricinus communis</i> (Castor-oil plant)	1,0 ℓ (1,0 % mixture)	
<i>Triplaris Americana</i> (Ant tree)	Single stems: 2,0 ℓ (2,0 % mixture) Multiple stems: 3,0 ℓ (3 % mixture)	
<i>Vitex trifolia</i> (Indian three-leaf)	2,0 ℓ (2,0 % mixture)	

COMPLETE FRILL:

NOTE: ACTIPRON SUPER or HYPER MEDIUM OIL should be added to the spray mixture at a rate of 50 mℓ / 10 litres for all frill applications

PLANT	RATE / 10 ℓ WATER	REMARKS
<i>Melia azedarach</i> (Syringa)	200 mℓ (2,0 % mixture)	SEE DIRECTIONS FOR USE above. Apply sufficient mixture to fill the frill without unnecessary wastage down the bark.

QUORUM 160 ME controls trees and shrubs and broadleaf weeds. Other species that were not present during the development trials with the product may also be controlled to a certain degree. The registration holder does not accept any responsibility for unlisted trees and shrubs and broadleaf weeds.

N.B. - In situations where more than one species of target plant occurs, contact your local technical representative.

- For assistance in the calibration for spot treatments please contact your local technical representative.

** ACTIPRON SUPER (Mineral oil), Reg. No. L5506, Act No. 36 of 1947, is the Trademark of H&R GSP (Pty) Ltd.

WAARSKUWINGS:

Gevaarstellings: Kan skadelik wees in kontak met vel. Veroorsaak velirritasie. Kan 'n allergiese velreaksie veroorsaak. Veroorsaak ernstige oogskade. Mag skade aan organe veroorsaak deur langdurige of herhaalde blootstelling. Baie giftig vir waterlewe. Giftig vir waterlewe met langdurige effekte.

- Stoor in oorspronklike houer in 'n koel, droë plek ver weg van kos, voer, saad en ander landbou chemiese stowwe.
- Hou buite bereik van kinders, oningeligte persone en diere.
- In geval van vergiftiging, ontbied 'n geneesheer en toon die etiket aan hom/haar.

WEIDINGSBEPERKINGS:

Diere wat gebruik word vir vleis wat twee weke na behandeling van area nog daar wei, moet omtrent drie dae voor slagting van die behandelde area verwyder word.

Melkafskedende suiwel diere moet nie op behandelde area binne twee weke na behandeling, wei nie.

WEIDING VAN GIFTIGE PLANTE:

Sekere giftige plante kan dalk meer smaakvol proe na toediening van onkruid doders. Moenie toelaat dat diere op behandelde areas wei voordat die giftige plante dood is nie, en dus nie meer smaakvol vir diere proe nie.

Alhoewel hierdie middel uitgebreid en onder 'n groot verskeidenheid van omstandighede getoets is, waarborg die registrasiehouer nie dat dit onder alle omstandighede doeltreffend sal wees nie, omdat die reaksie en gevolge beïnvloed kan word deur faktore soos abnormale grond-, klimaats- en bergingstoestande; die kwaliteit van verdunde water, ooreenstemmigheid met ander stowwe wat nie op die etiket verskyn nie, en die voorkoms van onkruid weerstandigheid teenoor die betrokke middel, sowel as die metode, tyd en akkuraatheid van toediening. Verdermeer aanvaar die registrasiehouer geen verantwoordelikheid vir beskadigde gewasse, plantegroei, die omgewing of enige skade teenoor mens of dier as gevolg van die gebruiker se gebrek om die etiket se instruksies noukeurig te volg of vir die voorkoms van omstandighede wat nie tydens die registrasieproses voorsien kon word nie.

In geval van enige onsekerheid, kontak onmiddellik die verskaffer of registrasiehouer.

VOORSORGMAATREËLS

Voorsorgstellings

Voorkoming: Moet nie dampe, sproei inasem nie. Was hande, voorarms en gesig deeglik na hantering. Besoedelde werksklere moet nie uit die werkplek toegelaat word nie. Vermoed vrylating na die omgewing. Dra beskermende handskoene/beskermende klere/oogbeskerming/gesigbeskerming.

Reaksie INDIEN OP DIE VEL: Was met baie seep en water. INDIEN IN OÊ: Spoel versigtig uit met water vir 'n paar minute. Verwyder kontaklense, indien teenwoordig en maklik om te doen. Gaan voort met spoel. Bel dadelik 'n gifsentrum of dokter. Bel 'n gifsentrum of dokter as jy onwel voel. Kry mediese advies/aandag as jy onwel voel. Indien velirritasie of uitslag voorkom: Kry mediese advies/aandag. Trek besoedelde klere uit en was dit voor hergebruik. Versamel gemors.

Berging: Berg in 'n goed geventileerde plek. Stoor toegesluit.

Wegdoening: Gooi inhoud en houer weg na 'n goedgekeurde afvalverwyderingsaanleg.

- Voorkom besoedeling van voedsel, voer, drinkwater en eetgerei.
- **Rakende hertoetred:** Moenie die behandelde area binnegaan voordat die spuitvloeistof droog is nie, tensy daar beskermende klere gedra word.
- Vermoed spuitstof wegdrywing na ander gewasse, weiding, riviere, damme of enige ander onbehandelde gebied.
- **SPOEL die leë houer DRIEKEER UIT soos volg:** Keer die leë houer om oor die spuit- of mengtenk en dreineer vir ten minste 30 sekondes nadat die vloeitot drup verlangsaam het. Spoel die leë houer daarna drie keer agtereenvolgens uit met een kwart van die houer volume vars water en gooi die speelwater in die spuit- of mengtenk. Prik die driefvoudig uitgespoelde houer deur en gooi weg via 'n goedgekeurde versamelaar of herwinner (www.croplife.co.za). Moet nie die houer begrawe, verbrand of skenk aan enige ander partye wat dit as 'n houer vir kos of drank kan gebruik nie. • Die leë houer moet gate ingekap word en daarna platgeslaan word, en MAG NOOIT vir enige ander rede gebruik word nie.
- Voorkom besoedeling van voedsel, voer, drinkwater of eetgerei.

Na spuittoediening:

- Maak die toedieningsspuit met 1% 'huishoudelike amoniak' oplossing skoon, voordat dit weer gebruik word. Laat die oplossing vir 'n paar uur staan, verkiesslik oornag. Daarna moet dit ten minste twee keer met skoon water gewas word. Hierdie toedieningspuit behoort vir geen ander chemiese middels vir toediening gebruik te word nie, behalwe vir onkruidmiddels. Die waswater moet weggegooi word, sodat dit nie voedsel, weiveld, riviere of damme besoedel nie.
- Trek skoon klere aan en was die besoedelde klere.
- Was die ontblote velarea asook die hele liggaam, insluitend jou hare en onder jou vingernaels, met seep en water.
- Was die lê houters drie keer volgens die volgende metode: Keer die lê houer oor die spuit of mengtenk en laat toe dat dit vir ongeveer 30 sekonders dreineer, nadat die vloeï verminder het tot druppels. Daarna moet die houer drie keer gewas word met 'n volume van water wat gelykstaande is aan 'n minimum van 10% van die inhoud van die houer. Voeg die spoelwater by die inhoud van die spuitenk voordat die lê houer vernietig word volgens die voorgeskrewe reëls.
- Moenie toerusting spuit, dreineer of afspoel naby enige wenslike bome of plante waar hulle wortels kan versprei nie.

RELEVANTE STOWWE:

NAAM	PRODUK IDENTIFISEERDER
Fluroxypyr TS	CAS-Nr.: 81406-37-3
Pikloram TS	CAS-Nr.: 2545-60-0
2-(trisielkoksie)-etieldiwaterstoffosfaat	CAS-Nr.: 9046-01-9
Oplosmiddel Nafta	CAS-Nr.: 64742-94-5
Triisopropanolamien	CAS-Nr.: 122-20-3

SIMPTOME VAN MENSLIKE VERGIFTIGING:

Daar is geen spesifieke tekens van vergiftiging nie. Simptome wat behoort behandel te word is soos volg:

- **Aanhoudende of herhaalde velkontak:** Indien die vel geïrriteerd is (jeukerigheid, rooiheid, pyn).
- **Oogkontak:** Daar word nie verwag dat oogkontak gevaarlik kan wees onder normale omstandighede van gebruik nie. Die konsentraat mag ernstige oogirritasie tot gevolg hê.
- **Inname:** Indien klein hoeveelhede ingesluk word, is die verwagting dat dit nie skadelike gevolge sal hê nie.
- **Rookdampe:** Aanhoudende blootstelling aan rookdame blyk nie gevaarlik te wees nie.

NOODHULPBEHANDELING:

Oë: Hou oog oop en spoel stadig en sag uit met skoon, lopende water vir ten minste 15 – 20 minute. Verwyder kontaklense indien dit teenwoordig is, na die eerste 5 minute en hou aan om dit uit te spoel. Indien die irritasie voortduur moet mediese advies ingewin word.

Vel: Trek besoedelde klere, skoene en leergoed uit. Was vel versigtig maar deeglik met water en nie afskurende seep. Indien irritasie aanhou, moet mediese hulp ingeroep word.

Inname: In geval middel per ongeluk ingesluk word, moet nie braking veroorsaak nie tensy dit deur 'n gifkontroleringssentrum om mediese geneesheer voorgestel word. Die slagoffer moet sy mond deeglik met water uitspoel. Moenie enige iets deur die mond toedien wanneer die persoon bewuseloos is nie. Raadpleeg 'n mediese geneesheer.

Inaseming: Verwyder die bron van besoedeling of die slagoffer na 'n plek waar daar vars lug is. Verseker dat vars lug ingeasem word, wanneer gevolge sigbaar is. Raadpleeg mediese geneesheer.

NOTA AAN GENEESHEER:

Geen spesifieke teenmiddel is beskikbaar. Behandel simptome en ondersteunend soos verlang. Indien dit nodig is vir maagspoeling, word daar voorgestel dat endotracheale en/of esofagoskopie gedoen word.

WYSE VAN AKSIE:

Pikloram: Selektiewe, sistemiese onkruidodder, geabsorbeer deur wortels en dakrand, getranslokeer beide akropetaal en basipetaal in die floëem en xileem, en versamel in nuwe groei.

Fluroxypyr: Selektiewe, sistemiese onkruidodder, hoofsaaklik geabsorbeer deur blare, translokeer akropetaal en basipetaal in die floëem en xileem na ander dele van die plante. Induseer kenmerkende ouksien-tipe response, bv. Laat krul.

GEBRUIKSBEPERKINGS

Voorkomende optrede om vernietiging van nie-geteikende plante te voorkom:-

- **Moenie die spreinewel toelaat om** in aanraking te kom met sensitiewe breëblaar gewasse, vrugtebome, blomme of in die grond waarin die wortels van die plant groei nie. Moet ook nie toelaat dat die spuitnewel of spuitdrying in kontak kom met graankultivar tydens 'n vatbare stadium van groei, sowel as weidingsareas of enige ander area wat nie veronderstel is om behandel te word nie.
- **Moenie toedien** wanneer omstandighede gunstig is vir beweging uit die behandelde gebied.
- **Moenie toelaat dat die spuitnewel of spuitdrying die water wat bedoel is vir besproeiing of huishoudelike gebruik, besoedel nie.** Om skade aan gewasse of wenslike plante te verhoed, moenie toelaat dat spuitnewel, spuitdrying of afloop in aanraking kom met die walle of bodems van besproeiingsvore, kanale, strome, damme of riviere nie. Dit is wanneer hulle droog is of water bevat wat vir besproeiing of huishoudelike gebruik of wat water vervoer na 'n besproeiingsfasiliteit.
- **Moenie areas behandel wat moontlik met enige breëblaar gewasse geroeteer gaan word nie.**
- **Moenie die mis van diere** wat wei op behandelde areas van land, gebruik vir die kweek van breëblaargewasse, blomme, boorde of enige ander vatbare gewasse nie. Dieremis mag genoeg pikloram bevat om die vatbare plante te beskadig.
- **Moenie gras of bespuite plante** van behandelde areas vir kompos of deklaag gebruik vir vatbare breëblaarplante of gewasse nie.
- **Moenie lewende hawe vervoer** vanaf behandelde weiveld areas (of voedings of behandelde gras) na sensitiewe breëblaar gewasareas sonder om toe te laat dat hulle 7 dae op 'n onbehandelde grasweiveld gewei het nie. Andersins mag urine, en mis genoeg pikloram bevat, wat sensitiewe breëblaarplante mag beskadig.
- **Moenie op vloedsproeiende lande gebruik nie.**
- **Moenie toedien as die verlies van peulgewasse, insluitend klawers, nie bekostig kan word nie.** Nuwe peulplantsade mag jare neem voor dit weer gevestig is.
- **Moenie grond behandel** op enige ander area wat nie vir **QUORUM 160 ME** geregistreer is nie.
- **Moenie op grond wat NABY gewenste breëblaarplante** of grond waarop sulke plante groei, of graankultivars wat in 'n gevoelige ontwikkelings stadium is toedien nie. Dit mag, eger, toegedien word in die OMGEWING van of by gewenste breëblaar plante, of grond of land waarop sodanige plante sal groei, of graankultivars in 'n ontvanklike stadium van groei, op voorwaarde dat voorsorgmaatreëls toegepas word, om spuitdrying of besoedeling van afloop areas te voorkom.
- **Moenie op onkruid wat onder stres is toedien** nie of onkruid wat nie behoorlik groei as gevolg van stres, wat deur droogte of gebrek aan voeding veroorsaak is nie.
- **Dien die produk streng volgens die toedieningsvereistes toe.**

GEBRUIKSAANWYSINGS Gebruik slegs soos aanbeveel

Mengbaarheid: QUORUM 160 ME is mengbaar met Hyper Medium Oil en Actipron Super

Vermenging: Vul die spuittenk halfvol met water en voeg die voorgeskrewe hoeveelheid van **QUORUM 160 ME** by. Terwyl die spuittenk gevul word, voeg die benatter by teen die dosisse soos aangedui hieronder, terwyl roering van die mengsel aanhou plaasvind.

Toediening LOOFTOEDIENING

- Dien toe as 'n volledige dekbespuiting op loof en stamme van aktief groeiende plante met volledige blaardekking. Beste resultate word meestal gedurende Lente of vroeë Somer verkry, wanneer die vogtigheid en temperatuur die beste is.
- Maak die blare/loof nat totdat dit begin afloop.
- Moenie toedien op nat blare of loof as gevolg van reën of dou of wanneer reën binne drie ure verwag word nie.
- Vermyn spuitwegdrying na nie-geteikende plante.
- Moenie spuit wanneer die windspeed meer as 15 km/u is nie.
- Die verskil tussen die nat en droë bol thermometer lesings soos bepaal deur 'n draaiende hygrometer behoort nie 8 °C te oorskry nie.
- Wanneer 'n rugsakspuit gebruik word, moet 'n soliede keelspuitstuk (bv, Spraying Systems TG1 of soortgelyke spuitstuk) gebruik word. Dien toe soos 'n growwe spuit, vermy fyn druppels. Verseker egalige bespuiting van die geteikende area. Handhaaf 'n konstante druk van 200–250 kPa. Handhaaf 'n afstand van ± 50 cm vanaf die geteikende area.

GEKAPTE STOMPESPUITING

- Toediening moet onmiddellik na afkapping plaasvind, of binne 30 minute. Moenie ure na afkapping toedien nie.
- Moenie toedien indien die afgekapte stompoppervlak nat is van reën of dou nie.
- Dien toe as 'n growwe spuit deur soliede keelspuitstukke (Spraying Systems TG-1, Delavan CE 1 of soortgelyke stukke) te gebruik.

- Dien toe teen 'n konstante druk van 100 kPa.
- Moenie die spuit hoogte van 20 cm bo die teiken, oorskry nie.
- Die beste resultate word normaalweg in die Lente of vroeë Somer verkry.

RINGULERINGS METODEDE:

- Maak horisontale, skuins kapwonde met 'n byl deur net die bas tot by die splinthout van die boom te kap. Dien middel in elke kapwond toe. Sorg dat die spuitplossing nie op die bas gemors word nie. Die boomstam moet so na as moontlik aan die grondoppervlak gekap word en die kapwonde moet om die volle omtrek van die stam gemaak word.
- Indien die boom verskeie stamme het, moet elkeen afsonderlik behandel word.
- Indien die boom hergroeï vanaf die kroon is herbehandeling noodsaaklik as 'n loofbehandeling met 'n onkruid geregistreerde produk vir gebruik as sodanig.

DOSIS EN METODES

LOOFTOEDIENING:

OPMERKING: ACTIPRON SUPER of HYPER MEDIUM OIL behoort teen 'n hoeveelheid van 500 ml/100 liters spuitmengsel vir alle loofbehandelings bygevoeg te word.

PLANT	DOSIS /100 ℓ WATER	OPMERKINGS
<i>Acacia mearnsii</i> (Swart wattel)	125 ml (0,125 % mengsel)	Sien Gebruiksaanwysings soos hierbo Dien toe op aktief groeiende blaarplante totdat die middel begin afloop. Verseker dat die onkruid digte blare het. Plante wat te hoog is om bedek te word, behoort gesnoei te word en die hergroeï moet op die hoogte van nie minder as 0,5 m gespuit word. In geval van hergroeï behoort 'n opvolg blaartoediening gespuit te word.
<i>Acacia longifolia</i> (Langblaar wattel)	500 ml (0,50 % mengsel)	
<i>Acacia melanoxylon</i> (Swarthout)	500 ml (0,50 % mengsel)	
<i>Acacia saligna</i> (Port Jackson)	500 ml (0,50 % mengsel)	
<i>Anredera baselloides</i> (Madeira vine)	500 ml (0,5 % mengsel)	
<i>Asclepias fruticosa</i> (Melkbos)	750 ml (0,75 % mengsel)	
<i>Campuloclinium macrocephalum</i> (Pom pom weed)	375 ml (0,375 % mengsel)	
<i>Chromolaena odorata</i> (Paraffienbos)	750 ml (0,75 % mengsel)	
<i>Cirsium vulgare</i> (Skotse dissell)	750 ml (0,75 % mengsel)	
<i>Eucalyptus grandis</i> (Saligna bloekom)	500 ml (0,5 % mengsel)	
<i>Lantana camara</i> (Lantana)	1,5ℓ (1,5 % mengsel)	
<i>Parthenium hysterophorous</i> (Demoina onkruid)	500 ml (0,50 % mengsel)	

<i>Peuraria lobata</i> (Kudzu vine)	500 mℓ (0,50 % mengsel)	Wees versigtig vir die moontlike beskadiging wat teenoor die ondersteunende inheemse plantegroei veroorsaak kan word.
<i>Psidium guajava</i> (Guava)	1,5ℓ (1,5 % mengsel)	
<i>Robinia pseudoacacia</i> (Wit akasia)	1,5ℓ (1,5 % mengsel)	
<i>Rubus cuneifolius</i> (Amerikaanse braam)	750 mℓ (0,75 % mengsel)	
<i>Solanum mauritianum</i> (Luisboom)	250 mℓ (0,25 % mengsel)	
<i>Tithonia diversifolia</i> (Meksikaanse sonneblom)	750 mℓ (0,75 % mengsel)	

GEKAPTE STOMP

NOTA: ACTIPRON SUPER of HYPER MEDIUM OIL behoort by die spuitmengsel gevoeg te word teen 'n hoeveelheid van 500 mℓ/ 100 litres vir alle gekapte stomp toedienings.

PLANT	DOSIS /100 ℓ WATER	OPMERKINGS
<i>Acacia mearnsii</i> (swart wattel)	2,0 ℓ (2.0% mengsel)	Sien GEBRUIKSAANWYSINGS soos hierbo Dien to op laag gekapte stompe (10 – 20 cm hoog) verkieslik met 'n enkel gekapte oppervlak. Dien toe op die hele gekapte oppervlak en wortelkroon vir stompe met 'n deursnee van minder as 10cm. Waar meervoudige stompe teenwoordig is, moet alle gekapte oppervlakte behandel word. Vir groter stompe, moet die middel op die cambium (spinhout) asook die wortelkroon, toegedien word. In alle gevalle moet die produk toegedien word totdat die middel begin afloop.
<i>Acacia melanoxylon</i> (Swarthout)	2,0 ℓ (2.0% mengsel)	
<i>Acacia saligna</i> (Port Jackson)	2,0 ℓ (2.0% mengsel)	
<i>Chromolaena odorata</i> (Paraffienbos)	750 mℓ (0.75% mengsel)	
<i>Eucalyptus cladocalyx</i> (Suiker bloekom)	4,5 ℓ (4.5% mengsel)	
<i>Eucalyptus grandis</i> (Saligna bloekom)	3,0 ℓ (3.0% mengsel)	
<i>Eucalyptus sideroxylon</i> (Swartysterbas bloekom)	4,5 ℓ (4.5% mengsel)	In geval van hergroei moet 'n opvolg blaarbespuiting met 'n geskikte geregistreerde onkruiddoder gespuit word.
<i>Eucalyptus smithii</i> (Swartstam bloekom)	4,5 ℓ (4.5% mengsel)	
<i>Lantana camara</i> (Lantana)	1,5 ℓ (4.5% mengsel)	
<i>Melia azedarach</i> (Sering)	1,5 ℓ (4.5% mengsel)	
<i>Ricinus communis</i> (Kasterolie plant)	1,0 ℓ (1.0% mengsel)	
<i>Triplaris Americana</i> (Ant tree)	Enkelstam: 2.0 ℓ (2.0% mengsel) Veelvoudige stamme: 3.0 ℓ (3 % mengsel)	
<i>Vitex trifolia</i> (Indian three-leaf vitex)	2.0 ℓ (2.0 % mengsel)	

VOLTOOIDE RINGULERINGSMETODE

NOTE: ACTIPRON SUPER of HYPER MEDIUM OLIE behoort by die spuitmengsel teen 'n hoeveelheid van 50 mℓ/10 liters vir alle ringuleringstoedienings, bygevoeg te word.

PLANT	DOSIS / 10 ℓ WATER	OPMERKINGS
Melia azedarach (Sering)	200 mℓ (2.0% mengsel)	SIEN GEBRUIKSAANWYSINGS soos hierbo Dien voldoende mengsel om die ringuleringswond toe, sonder om dit onnodige vermorsing op die bas.

QUORUM 160 ME beheer bome, struik en breëblaar onkruid. Ander spesies wat nie tydens die ontwikkelingsproewe teenwoordig was nie, mag dalk ook tot 'n mate beheer word. Die registrasiehouer aanvaar egter geen verantwoordelikheid vir enige ongelyste bome, struik of breëblaaronkruid nie.

N.B. In gevalle waar daar meer as een spesie van die geteikende plant voorkom, moet die plaaslike tegniese verteenwoordiger geraadpleeg word.

- Vir enige hulp ten opsigte van die kalibrasie vir kolbehandelings moet die plaaslike tegniese verteenwoordiger asseblief gekontak word.

** ACTIPRON SUPER (Minerale olie), Reg. No. L5506, Wet No. 36 of 1947, is die handelsmerk van H&R GSP (Pty) Ltd.

QUORUM 160 ME

Reg. No. / Nr L10048 Act No. 36 of 1947/ Wet Nr 36 van 1947

HERBICIDE



READ THE LABEL AND ATTACHED PACKAGED LEAFLET BEFORE USE
KEEP OUT OF REACH OF CHILDREN AND ANIMALS

HRAC HERBICIDE GROUP CODE:

4

HRAC ONKRUIDDODERGROEP CODE:

A micro-emulsion of a systemic herbicide for the control of woody plants and other weeds as listed in forestry, grass pastures, conservation and industrial areas.

'n sistemiese mikro-emulsie onkruidodder vir die beheer van houtagtige plante en onkruid soos aangetoon in bosbou, grasweidings, bewarings- en nywerheidsgebiede.

ACTIVE INGREDIENT/AKTIEWE BESTANDDEEL:

Picloram (Pyridine Compound)	80 g/ℓ	Pikloram (Piridienvrinding)	(as tri-isopropanolamiensout)
Fluroxypyr (Pyridine Compound)	80 g/ℓ	Fluroksipir (Piridienvrinding)	(as metiel-heptielester)



DANGER

Hazard Statements:

May be harmful in contact with skin.
Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye damage.
May cause damage to organs through prolonged or repeated exposure.
Very toxic to aquatic life.
Toxic to aquatic life with long lasting effects.

Precautionary Statements:

Do not breathe vapours, spray.
IF ON SKIN: Wash with plenty of soap and water.
IF IN EYES: Rinse cautiously with water for several minutes.
Immediately call a poison center or doctor.
If skin irritation or rash occurs: Get medical advice/attention.

Batch No:

D.O.M:

D.O.E:

Net Mass:

See reverse of drum for details.

FOR FULL PARTICULARS SEE ATTACHED PAMPHLET.

VIR VOLLEDIGE BESONDERHEDE KYK AANGEHEGTE ETIKET.

UN No. / VR Nr: 3082



REGISTRATION HOLDER/ REGISTRASIEHOUER
Cedar Falls Properties 130 (Pty) Ltd
Reg. Nr: Reg. 2006/031383/07
61 Marshall Drive, Old Mill Industrial Park,
Mount Edgecombe, South Africa, 4300
Tel: 031 003 3486

Poison Information Helpline (24 hrs): 0861 555 777



BARCODE

10048

165(H) x 140(W) mm

CYAN MAG YEL BLK

100468