



Carabiner



AMINOX

Reg. No. /Nr L10724, Act/Wet No. /Nr 36 Of Van 1947

GROUP O HERBICIDE

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

A systemic, oil in water emulsion concentrate herbicide for the control of woody plants as listed for forestry, grass pastures, conservation and industrial areas.

'n Sistemiese, olie in water emulsiëkontraat onkruidoder vir die beheer van houtagtige plante soos aangetoon in bosbou, grasweidings bewarings- en nywerheidsgebiede



WARNING

Hazard Statements

Harmful if swallowed
Causes skin irritation
Very toxic to aquatic life with long lasting effects

Precautionary Statements

IF SWALLOWED: Get medical help.
IF ON SKIN: Wash with plenty of water.
Avoid release to the environment.

Active ingredient/Aktiewe bestanddeel

Triclopyr (Pyridine compound).....240 g/ ℓ	Triklopir (Piridienverbinding)
(as butoxyethyl ester)		(as butoksiethielester)
Aminopyralid (Pyridine Compound).....30 g/ ℓ	Aminopiraliëd (Piridienverbinding)
(as the K ⁺ salt)		(as die K ⁺ sout)

Net volume ℓ Netto volume

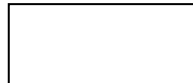
REGISTRATION HOLDER / REGISTRASIEHOUER:

Agritech Bioscience (Pty) Ltd / (Edms) Bpk t/a Carabiner
Reg. No. 2008/004392/07
PO Box / Posbus 1224
Isando
1600
South Africa / Suid-Afrika

Batch No.....



Date of Manufacture
Expiry date (2 years)



UN No. 3082

..... Lot Nr.

..... Datum van Vervaardiging
..... (2 jr) Vervaldatum



In case of poisoning, call the following number:

Poison centre (Unitas hospital): Emergency Number: 012 664 1100
TYGERBERG: Emergency Number: 021 931 6129
RED CROSS: Emergency Number: 021 689 5227
RAPID SPILL RESPONSE: Emergency Number: 0800 775 3305
GRIFFON POISON CENTRE: Emergency Number: 082 446 8946

WARNINGS

- GHS Hazard statements

Harmful if swallowed.
Causes skin irritation.
Very toxic to aquatic life with long lasting effects.

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

RE-ENTRY: Do not enter treated field within 1 day after application 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 effective under all conditions. The activity 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 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, the environment or harm to man or animal, or for lack of performance of the herbicide 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

- GHS Precautionary statements

If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read carefully and follow all instruction.
Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product.
Avoid release to the environment.
Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
IF SWALLOWED: Get medical help.
IF ON SKIN: Wash with plenty of water.
Specific treatment (see First Aid).
Rinse mouth.
If skin irritation occurs - Get medical help.
Take off contaminated clothing and wash it before reuse.
Collect spillage.
Dispose of contents/container in accordance with local / regional / national / international regulations.

- Wear protective gloves and face shield or safety glasses when handling the concentrate.
- Do not breathe fumes or spray mist.
- Wash contaminated clothing daily.
- Wash with soap and water after accidental skin contact. Avoid eye contact. In case of eye contact, flush eyes with clean water.

- Do not eat, drink or smoke whilst applying, mixing or before washing hands and face and change of clothing.
- Prevent spray drift onto other crops, grazing, rivers, dams or areas not under treatment.
- Clean the spray applicator with a 1 % solution of household ammonia before using with other products. Allow the solution to stand in the spray tank for several hours but preferably overnight. Rinse at least twice with clean water. This applicator should not be used for applying products other than herbicides. Dispose of wash water where it will not contaminate food, grazing, rivers or dams.
- 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.
- Prevent contamination of food, feeds, drinking water and eating utensils.

RELEVANT SUBSTANCES

Ingredients	Concentration of hazardous ingredient	Classification
Aminopyralid potassium	>3%	Aquatic Acute Cat. 1. Aquatic Chronic Cat. 1
Triclopyr as butoxy ethyl ester	>30%	Acute Tox. Cat 4 Skin irrit. Cat 2 Aquatic Acute Cat. 1 Aquatic Chronic Cat. 1
Ethylene glycol	<10%	Acute Tox. Oral Cat 4

FIRST AID TREATMENT:

There are no specific signs of poisoning, The concentrate may cause severe eye irritation. Prolonged or repeated skin contact may cause allergic reactions in some individuals. Ingestion of large amounts may cause gastrointestinal irritation. Single exposure to vapours is not likely to be hazardous.

Eyes: Rinse eyes with clean water for at least 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing while holding eyelids apart. Seek medical assistance.

Skin: Remove all contaminated clothing immediately. Rinse affected areas (skin) immediately with plenty of water/shower. Wash contaminated clothing before re-use.

Ingestion: If swallowed, DO NOT induce vomiting. Get medical advice immediately.

Inhalation: Remove victim to fresh air. Keep patient calm. If person is not breathing, call an emergency responder or ambulance, then give artificial respiration; if by mouth to mouth use rescuer protection (pocket mask etc). Seek medical attention.

NOTE TO PHYSICIAN:

No specific antidote. Treatment should always be symptomatic. If lavage is performed, suggest endotracheal and / or oesophagosopic control.

NOTICE TO USER

This agricultural remedy is to be used only in accordance with the instructions on this label. It is an offence under the Act to use this product in a manner contrary with the directions on the label.

RESISTANCE MANAGEMENT WARNING STATEMENT

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

To delay herbicide resistance:

- Avoid exclusive repeated use of herbicides from the same herbicide group code. Alternate or tank mix with registered 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. The presence of resistant weeds is difficult to detect prior to use and therefore neither the Registration Holder nor the Distributor can accept responsibility for any losses as a result of **AMINOX** not controlling resistant weeds. Do not apply **AMINOX** alone in situations where weed resistance has been confirmed. Sub-standard application of **AMINOX** or other Group O herbicides will lead to inferior weed control and may assist in development of herbicide resistance.

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

MODE OF ACTION

Triclopyr is a selective systemic herbicide, rapidly absorbed by the foliage and roots and then translocated throughout the plant. Triclopyr accumulates in the meristematic tissue where it induces auxin-type responses.

Aminopyralid is a synthetic auxin causing epinasty, followed by necrosis. Systemic, foliar herbicide, rapidly absorbed by leaves and roots.

USE RESTRICTIONS

Precautions for avoiding injury to non-target plants are:

- **Do not permit spraymist to drift** or come into contact with sensitive broadleaf crops, including but not limited to lucerne, beans, melons, potatoes, soyabeans, sunflower, tobacco, tomatoes, cotton, fruit trees, grape vines, ornamentals, soil containing roots of these plants, soil in which such plants are to be grown, grain varieties in a susceptible stage of growth or grazing or any other area not under treatment.
- **Do not contaminate water intended for irrigation or domestic purposes.** To avoid injury to crops or other desirable plants, do not treat or allow spray or spray drift or spray run-off to fall onto banks or bottoms of irrigation ditches, canals, streams, dams, rivers, either dry or containing water that may be used for irrigation or domestic purposes or may carry water to an irrigation facility.
- **Do not make application when circumstances favour movement from treated site.**
- **Do not apply to areas that may be rotated to 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 herbicide 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 herbicide to cause injury to sensitive broadleaf plants.

- **Do not use on flood irrigated land or fields.**
- **Do not move treated soil** to areas other than sites for which **AMINOX** is registered for use.
- **Do not apply through a mist blower.**
- **Do not apply to land NEAR to desirable broadleaved plants** or land onto which such plants are to be grown or grain varieties in a susceptible stage of growth. 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 SPRAYDRIFT OR CONTAMINATION OF RUN-OFF AREAS.

DIRECTIONS FOR USE - Use only as directed.

COMPATIBILITY

AMINOX is compatible with an oil based adjuvant such as H&R Crop oil.

Mixing

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

Application

A. FOLIAR APPLICATION

Use only on actively growing plants with full leaf cover

- Apply as a full cover spray to leaves and stems to the point of spray solution run-off.
- Do not apply to foliage wet from rain or dew etc.
- Avoid spray drift onto non-target plants.
- Use a knapsack sprayer with a solid cone nozzle (eg. 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 – 250 kPa.
- Rain 3 hours after application will have no effect on efficacy provided the spray has dried on the target plants.
- Prevent drift of spray mist onto desirable plants.

Warning:

If topkill is obtained but regrowth occurs from the crown, apply a herbicide, registered for the relevant species, as a foliar spray.

RATES AND METHODS

FOLIAR APPLICATIONS

NOTE: An oil based adjuvant such as H&R Crop oil should be added at a rate of 500 mL / 100 litres spray mix for all foliar applications. Consult H&R Crop oil label for full details.

PLANT	RATE/100L WATER	REMARKS
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Acacia mearnsii (Black Wattle) Solanum mauritianum (Bugweed)	250 mL (0,25 % mixture)	Apply to young actively growing trees (saplings) up to 2 metres in height until the point of run-off.
Acacia cyclops (Red eye) Acacia saligna (Port Jackson willow) Chromolaena odorata (Triffid weed) Lantana camara (Lantana)	375 mL (0,375 % mixture)	
Acacia melanoxylon (Blackwood)	500 mL (0,5 % mixture)	

AMINOX controls trees and shrubs. Other trees and shrubs 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.

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

ACKNOWLEDGEMENT OF TRADEMARKS

H&R Crop oil L6802 H&R South Africa Pty Ltd.