

SEQTA

Reg. No. / Nr L11901 Act No. 36 of 1947 / Wet Nr 36 van 1947

GROUP 4 HERBICIDE

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

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

'n Sistemiese, water oplosbare konsentraat onkruidodder vir die beheer van houtagtige plante soos aangetoon in bosbou, grasweidings, bewarings- en nywerheidsgebiede.

Active Ingredients / Aktiewe Bestanddele

Triclopyr (Pyridine compound)..... contains 120 g a.i. per l	Triklopir (Piridienvbinding) (as triethielamien sout)
Aminopyralid (Pyridine compound) contains 12 g a.i. per l	Aminopiraliel (Piridienvbinding) (as triisopropanol ammonium sout)



WARNING

Hazard Statements

Causes serious eye irritation.
May cause damage to organs through prolonged or repeated exposure.
Toxic to aquatic life with long lasting effects.

Precautionary Statements

Do not breathe dust/fumes/gas/mist/vapours/spray.
Avoid release to the environment.
Wear protective gloves/protective clothing/eye protection/face protection.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.



REGISTRATION HOLDER / REGISTRASIEHOUER:

Agritech Bioscience (Pty) Ltd / (Edms) Bpk t/a Carabiner
Reg. No. 2008/004392/07
6 Antwerp Street, Apex, Benoni,
1540
South Africa / Suid-Afrika



Batch No./Date manufactured/Expiry date: Refer to details printed on container

UN No. / VN Nr. 3082

Net volume L Netto Volume

In case of poisoning, call the following numbers:

Poisons Information Helpline: +27 861 555 777
EMERGENCY NUMBER: +27 82 446 8946

WARNINGS

- GHS Hazard statements

Causes serious eye irritation.

May cause damage to organs through prolonged or repeated exposure.

Toxic to aquatic life with long lasting effects.

- Use only containers approved specifically for this product.
- **RE-ENTRY:** Do not enter the treated field within 1 day after application unless wearing protective clothing.
- **In case of poisoning immediately call a physician and make this label available to him/her.**

DISCLAIMER

Although this remedy has been tested under a large variety of conditions, the registration holder does not warrant that it will be effective 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 the 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 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 instructions.

Do not breathe dust/fumes/gas/mist/vapours/spray.

Wash hands thoroughly after handling. Do not touch eyes.

Avoid release to the environment.

Wear protective gloves/protective clothing/eye protection/face protection.

IF IN EYES - Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

Get medical help if you feel unwell.

If eye irritation persists get medical help.

Collect spillage.

Dispose of contents/container in accordance with local / regional / national / international regulations.

- OPERATOR PROTECTION

- Handle with care.
- Do not inhale spray mist or fumes.
- Wash with soap and water after use and accidental skin contact as well as contact with contaminated clothing.
- Should eye contact occur, flush the eyes with plenty of clean water for 15 minutes holding eyelids open. Remove contact lenses after 1-2 minutes of irrigation. **Seek medical attention.**
- Avoid skin and eye contact by wearing rubber gloves and face shield when handling the product.
- Wash contaminated clothing after use.
- Do not eat, drink, or smoke while mixing or applying the product or before washing hands and face and changing clothes.

- Prevent contamination of food, feeds, drinking water and eating utensils.
- ENVIRONMENTAL PROTECTION
 - Prevent spray drift onto other non-target vegetation, crops, grazing, rivers, dams, or areas not under treatment.
 - Do not contaminate dams, rivers, lakes, or any other water sources.
 - Clean the applicator directly after use. Dispose of the rinsate where it will not contaminate crops, grazing, rivers, dams, and boreholes.
- STORAGE AND DISPOSAL
 - Store under lock and key in the original tightly closed container in a cool, dry place out of direct sunlight.
 - Store away from food, feed, fertilizer, and seed.
 - **KEEP OUT OF SIGHT AND REACH OF CHILDREN**, uninformed persons, untrained personnel, unauthorised personnel and animals.
 - Do not allow access to this product by children, uninformed persons, untrained personnel, unauthorised personnel, or animals under any circumstances.
 - Prevent contamination of food, feeds, drinking water and eating utensils.
 - Containers and packages must be completely emptied before disposal.
 - **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. Destroy the triple rinsed container by perforation and flattening and do not use for any other purpose. Store appropriately until it can be disposed of via an approved collector or recycler authorised to recycle or destroy waste in terms of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) and the relevant waste management regulations. Empty containers and product should not be burnt. Do not bury, burn or donate the container to any other parties that may use it as a container for food or beverages.
 - **DO NOT REUSE THE CONTAINER FOR ANY OTHER PURPOSE.**

RELEVANT SUBSTANCES

Hazardous Ingredients	Concentration (w/v)
Aminopyralid triisopropanolamine salt	≥ 2.2%
Triclopyr triethylamine salt	< 15.7%

FIRST AID TREATMENT

If medical advice is needed, have product container or label at hand. Provide medical personnel with the container label, product name and safety data sheet (SDS) when seeking medical attention.

General Information: Remove patient from exposed area. Never give fluids or induce vomiting if the patient is unconscious or is having convulsions.

Inhalation: Move person to fresh air. 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.**

Skin contact: Contaminated clothing and shoes should immediately be removed, and the body, clothes and shoes should be flushed with large amounts of water. Wash thoroughly with plenty of water. Wash

contaminated clothing before re-use. Persons providing first aid must wear gloves to avoid self-contamination. **Seek medical attention.**

Eye contact: Flush eyes immediately with plenty of clean, room temperature water for at least 15 minutes holding eyelids open. Remove contact lenses if present, after the 1-2 minutes, then continue rinsing eyes. **Seek medical attention immediately.**

Ingestion: Rinse mouth immediately with clean water and have the patient sip a glass of water if the patient is alert and able. Do not induce vomiting unless instructed to do so by a medical professional. Never induce vomiting or give anything by mouth to a victim who is unconscious or is having convulsions. **Seek medical attention.**

No specific antidote known. Treat symptomatically and supportively. If lavage is performed, suggest endotracheal and / or esophagoscopy control.

RESISTANCE MANAGEMENT WARNING STATEMENT

For resistance management, **SEQTA** is a group code 4 herbicide. Any weed population may contain individuals naturally resistant to **SEQTA** and 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 **SEQTA** 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 registered products from different herbicide group codes. Large numbers of healthy surviving weeds can be an indication that resistance is developing. Efforts should be taken to prevent seed set of these survivors.
- Integrate other control methods (chemical, cultural, biological) into weed control programmes.
- Refer to the Herbicide Resistance Action Committee for information regarding any applicable resistance management of group 4 herbicides at <https://hracglobal.com/> for more information.
- Avoid distribution of the resistant species to adjacent fields by implements during the cultivation period.

As the occurrence of resistance cannot be forecast, users are advised to keep all treated crops under close observation. If the treatment is not effective following the use of **SEQTA** as recommended, a resistant strain may be present. If a resistant strain is positively identified, consideration should be given to the prompt use of a herbicide with a different mode of action against which no record of resistance exists.

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 **SEQTA** not controlling resistant weeds. Do not apply **SEQTA** alone in situations where weed resistance has been confirmed. Sub-standard application of **SEQTA** or other group code 4 herbicides will lead to inferior weed control and may assist in development of herbicide resistance. It is of the utmost importance to inspect treated areas at regular intervals in order to identify the occurrence of herbicide-resistant weeds timeously.

MODE OF ACTION

Triclopyr and aminopyralid are selective systemic herbicides, rapidly absorbed by the foliage and roots and then translocated throughout the plant.

Triclopyr and aminopyralid accumulate in the meristematic tissue where they induce auxin-type responses. **SEQTA** is a systemic herbicide, rapidly absorbed by leaves, stems and roots.

DIRECTIONS FOR USE - Use only as directed.

NOTICE TO USER: This agricultural remedy is to be used only in accordance with the instructions on the label. It is an offence under Act No. 36 of 1947 to use this agricultural remedy for any purpose or in any manner contrary to the directions on the label.

COMPATIBILITY

The compatibility of **SEQTA** with other products depends on the formulations of the respective products as well as the quality of the spray water to be used. As formulations change from time to time it is recommended that a physical compatibility test be done prior to the tank mixture being made. **SEQTA** is compatible with adjuvants such as H&R Crop oil (L6802), Zap (L6912) and Methos (L11114). Consult the label of H&R Crop oil (L6802), Zap (L6912) and Methos (L11114) for full particulars.

Always consult the applicable product labels for **WARNINGS, PRECAUTIONS** and **DIRECTIONS FOR USE**.

USE RESTRICTIONS

Precautions for avoiding injury to non-target plants are:

- **Do not allow spray mist 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 the 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 which is 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 any treated areas for composting or mulching of susceptible broadleaf plants or crops.
- **Do not transfer livestock** from treated grazing areas (or feeding off 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 **SEQTA** 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 onto grain varieties in a susceptible stage of growth. **SEQTA** 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.

- Apply this product strictly in accordance with the application directions.
- Do not apply **SEQTA** to any crop or situation not mentioned in this instruction leaflet.
- Only apply using an accurate and safe application technique.
- If **SEQTA** is used in a tank mixture with other products, consideration should be given to the restrictions of those respective products.
- Do not apply this product in combination or tank mixture with any other product or agricultural remedy which is not specifically listed on this label.
- By buying this product, the buyer undertakes that the user is fully aware of and suitably trained on the hazards associated with the preparation and use of this product. By selecting this product voluntarily, the user assumes responsibility for his or her own personal protection whilst storing, mixing, and applying the product in the approved manner according to the instructions for use. The user also confirms to have consulted the SDS of this product and he/she is aware of the potential health hazards which could arise out of use and misuse of this product. Users are encouraged to keep records of all procedures followed and which personal protection equipment was used at all times. All personal protection equipment used must be kept clean and in good working order according to the manufacturer's specifications. Agritech Bioscience (Pty) Ltd t/a Carabiner accepts no responsibility for any adverse effects experienced if the instructions on this label are not adhered to or resulting from improper use of this product or the use of unsuitable personal protection equipment. The user has selected to use this product at his/her own free will and risk.

MIXING INSTRUCTIONS

For foliar applications, half fill the spray tank with water and add the required quantity of **SEQTA**. While filling the spray tank add the recommended adjuvant at the rate indicated below while maintaining constant agitation. If a spray marker dye is required for management purposes, this may be added last. Do not use brackish water. Should tank mixtures with other products be made, follow the respective manufacturer's label recommendations. Ensure continuous agitation throughout the application process.

Tank mixtures must be sprayed out immediately and not allowed to stand in the spray tank overnight. Spraying equipment must be thoroughly flushed out at the end of the spraying operation as described above.

APPLICATION INSTRUCTIONS

FOLIAR APPLICATION

Use only on actively growing plants with full leaf cover

- Apply sufficient spray mixture to the foliage until just before the point of run-off.
- Apply only on actively growing plants when the leaves have fully developed.
- Do not apply to foliage wet from rain or dew or covered with dust etc.
- Avoid spray drift onto non-target plants.
- Use a knapsack sprayer with a solid cone nozzle e.g., Spraying Systems TG-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 should have no effect on the efficacy provided that the spray has dried on the target plants.
- Do not apply to plants suffering from stress conditions such as drought, frost, water logging etc.

Warning:

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

GENERAL INFORMATION

Prevent spray from drifting onto non-target vegetation. Do not exceed a spray height of 50 cm above the target area. Discontinue application if wind velocity exceeds 15 km/h (as measured by handheld wind recorder). The difference between the wet and dry bulb readings on a whirling hygrometer must not exceed 8 °C.

CUT STUMP APPLICATION

- Apply preferably immediately after felling but definitely within three (3) hours.
- **SEQTA** should not be applied to stumps if the surface is wet from rain or dew, or if the cut surface is covered in sawdust, soil, or any obstruction.
- Use solid cone nozzle tips e.g., Spraying Systems TG-1 (or equivalent type) at 100 kPa, (low pressure).
- Apply the mixture to the point of run-off according to directions for cut stumps in the table below.

APPLICATION RATES

NOTE: An oil based adjuvant such as H&R Crop oil, Zap or Methos should be added at a rate of 500 ml/100 litres final spray mix for all foliar and cut stump applications.

TABLE 1: WEED CONTROL BY FOLIAR APPLICATIONS

SPECIES	DOSAGE RATE / 100 ℓ WATER MIXTURE	REMARKS
Black wattle (<i>Acacia mearnsii</i>)	500 ml (0.5 % mixture)	Apply to young actively growing trees (saplings) up to 2 meters in height until the point of run-off.
Blackwood (<i>Acacia melanoxylon</i>)	1 ℓ (1.0 % mixture)	
Bugweed (<i>Solanum mauritianum</i>)	500 ml (0.5 % mixture)	Plants too high for a good cover spray should be slashed and the regrowth sprayed when not less than 0.5 m high. Some re-growth may occur which will require a follow-up spray.
Honey mesquite (<i>Prosopis glandulosa</i>)	3 ℓ (3.0 % mixture)	
Triffid weed (<i>Chromolaena odorata</i>)	750 ml (0.75 % mixture)	

TABLE 2: WEED CONTROL BY CUT STUMP APPLICATIONS

SPECIES	DOSAGE RATE / 100 ℓ WATER MIXTURE	REMARKS
Black wattle (<i>Acacia mearnsii</i>)	2.0 ℓ (2.0 % mixture)	Apply to low cut stumps (10 – 20 cm high) preferably with a single cut surface. Any shoots/branches, below the cut line, should also be treated. Apply to complete cut surface and bark of stumps with a diameter of less than 10 cm. Where multiple stumps are present, all cut surfaces and bark must be treated.
Blackwood (<i>Acacia melanoxylon</i>)	4.0 ℓ (4.0 % mixture)	For bigger stumps, apply to the cambial region (sapwood) of the cut surface and bark. In all cases, apply until the point of run-off. In the event of some regrowth, a follow-up spray as a coppice application with a registered herbicide may be required.

NOTE: Whilst **SEQTA** effectively controls certain tree and shrub species as listed. Other tree and shrub species that were not present during the development stage of this product may be controlled to a varying degree. However, the registration holder does not accept any responsibility for the results obtained on any unlisted trees and shrubs. Where such species do occur within the area under treatment, consult to local product representative.

In situations where more than one species of target plant occurs or for assistance in the calibration of spot treatments, please contact your local technical representative.

ACKNOWLEDGEMENT OF TRADEMARKS

H&R Crop Oil (L6802)
Methos (L11114)
Zap (L6912)

H&R South Africa (Pty) Ltd
Agritech Bioscience (Pty) Ltd t/a Carabiner
Rolfes Agri (Pty) Ltd