June 2024

WARNING
Keep out of reach of children
ECOTOXIC

KEYSTREPTO™

A bactericide to control certain bacterial disease of pipfruit, stonefruit, seedling tomatoes and kiwifruit

Active ingredient: contains 170 g/kg streptomycin as the sulphate salt in the form of a wettable powder.

Hazard Classifications: Acute dermal toxicity Category 4, Eye irritation Category 2, Skin sensitization Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1.

HSNO Act 1996, Approval Code: HSR000783.
See www.epa.govt.nz for Controls.

Registered pursuant to the ACVM Act 1997, No.P1369
See www.foodsafety.govt.nz for registration conditions.

Additional requirements applicable to the user have been imposed on this product under the ACVM Act. By Law: Users **MUST** be familiar with and meet the mandatory requirements specified in the conditions of registration for this product. These will have been provided to you with the product. The full conditions of registration are available from www.foodsafety.govt.nz.Alternatively, contact Key Industries Ltd for a copy or for further information.

Net contents: 1.2 kg

Batch No.

Date of Manufacture:

Expiry Date:

Registrant and Distributor:
KEY Industries Ltd
15 D Paul Matthews Road, Rosedale, Auckland 0632
P O Box 65-070, Mairangi Bay; Auckland 0754
Tel: (09) 917-1791(office hours)
Emergency Tel 0800 CHEMCALL (0800 243 622) (24 hours)
Website www.keyindustries.co.nz
Email: sales@keyindustries.co.nz

MINISTRY FOR PRIMARY INDUSTRIES
NEW ZEALAND
02/08/2024

June 2024

Read label before use. Do not handle until all safety precautions have been read and understood.





TOXICITY
Harmful if absorbed through the skin**.** May cause eye irritation and an allergic skin reaction. KEYSTREPTO on the skin can cause serious dermatitis in a few person's abnormally sensitive to streptomycin. May cause organ damage from repeated oral exposure at high doses.

ECOTOXICITY
KEYSTREPTO shall not be applied directly onto or into water. Very toxic to aquatic organisms. Avoid contamination of any water supply with product or empty container. Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area.
Harmful to terrestrial vertebrates such as birds and reptiles.

RECORD KEEPING: Legal requirements related to use and record keeping have been set under the ACVM Act 1997 as conditions of registration. See the copy of the 'user conditions' provided when purchasing the product. The full list of the Conditions for Registration for KeyStrepto are available on the website www.keyindustries.co.nz.

HANDLING PRECAUTIONS: This product must be under the care of a suitably trained Qualified Handler (current Growsafe certificate) at all times.
Avoid contact with skin and eyes, and inhalation of dust or spray mist. When mixing and applying wear protective clothing that includes goggles and rubber gloves. After use, wash hands and face thoroughly before eating, drinking or smoking. Contaminated clothing must be handled only by those whom experience has shown to be insensitive to streptomycin, and be washed before re-use.

FIRST AID: For advice contact National Poisons Centre 0800 POISON (0800 764 766) or a doctor. If swallowed, do NOT induce vomiting. Rinse mouth. If contact with eyes, wash out immediately with running water. Remove contact lenses if present and easy to do, after a few minutes. Flush eyes for at least 15 minutes.
If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Any person showing signs of skin irritation or rash should at once be removed to other work, and if necessary sent for medical advice.

STORAGE: KEEP OUT OF REACH OF CHILDREN. Store in original container, tightly closed, in a secure, cool dry place away from foodstuffs. Avoid freezing temperatures. Store in accordance with the current version of NZS 8409 Management of Agrichemicals.

APPLICATION EQUIPMENT: Following use, ensure application equipment is thoroughly flushed out with clean water. Avoid contamination of non-target plants and waterways.

CONTAINER DISPOSAL: Triple-rinse empty container with water and add rinsate to spray tank. Do not burn container but crush and bury in a suitable landfill or recycle through your local Agrecovery Centre.
PRODUCT DISPOSAL: Use according to this label otherwise dispose of by burying in an approved landfill.
SPILLAGE: Wear protective clothing and prevent material entering waterways. Absorb spills with inert material and place in waste containers. Wash area only with water and absorb with further inert material. Dispose of waste safely according to the local by-laws.

DIRECTIONS FOR USE

By law this product must only be used according to the label, unless permission has been received in writing from the ACVM Group.

By law any beehives in the area to be treated must be covered to prevent exposure to product during application or removed from the area. Hives can only be reintroduced or uncovered once spray deposits have dried.

Resistance Management Strategy: Do not rely on products with a common mode of action for any extended period but where possible use in conjunction with alternate products from different chemical groups. KEYSTREPTO must be used in a programme with alternative products recommended for the management of Psa. Prolonged use of KEYSTREPTO alone may lead to the development of resistant strains. Do not apply more than the number of sprays or use a rate greater or less than as specified in the DIRECTIONS FOR USE table. Ensure thorough coverage.

Any adverse event resulting from use of this product should be notified to Key Industries Ltd.

The rates in the table are for high volume foliar spraying to run-off. For concentrate spraying adjust dilution rates accordingly**.** KEYSTREPTO can only be applied as a surface/foliar spray by ground based methods.

Crop	Disease	Rates	Critical Comments
Pipfruit	Fireblight *Erwina amylovora*	60 g / 100 litres (100 ppm streptomycin)	**KEYSTREPTO should only be used when there is considered to be high risk of disease.** Use should generally be over the bloom period but occasionally post-bloom application may be required. A maximum of three applications can be applied per season. Add surfactant at 10-12ml per 100 litres if necessary to achieve adequate wetting of plant surfaces. High rates of surfactant may increase susceptibility to russet.
Stonefruit	Blast, Bacterial spot. *Pseudomonas syringae*	60 g / 100 litres	**KEYSTREPTO should only be used when there is considered to be high risk of disease.** Apply in the period from green tip to early summer when disease threatens, and with no more than 3 applications over this period. KEYSTREPTO can also be applied in autumn prior to leaf fall if there has been high disease pressure during the growing season. A maximum of four applications per season can be made. Add surfactant at 10-20ml per 100 litres if necessary. During leaf fall, dormancy and bud movement, use copper sprays.
Seedling Tomatoes	Bacterial diseases	60 g / 100 litres	Apply as a protective spray at 7-10 day intervals when disease threatens. Do not use once seedlings have been transplanted. To reduce the risk of resistance in greenhouses, disinfect substrate and equipment between each planting
Kiwifruit	Psa-V	60 g/100 litres	**KEYSTREPTO should only be used when there is considered to be high risk of disease.** Only surface/foliar applications permitted. Do NOT apply when flowers or fruit are present. Also refer to the Zespri/KVH KeyStrepto User Guide protocols. Apply a maximum of four applications of KEYSTREPTO and no more than 6 antibiotic applications in total per season. Apply spray prior to infection events or as soon as possible after conditions that favour Psa development, e.g. prolonged rainfall, hail or wind damage. Use no more than two consecutive applications of KEYSTREPTO (i.e. streptomycin) so use in a programme alternating with products with different modes of action. Add Nu-Film-17 surfactant at 300ml per hectare to improve rain fastness. Do not use tank mixes with other antibiotics. A tank mix of KEYSTREPTO and copper is acceptable. ***Producing vines*:** Application from bud-break to before flowering. If flowering is imminent, i.e. estimated to be within the next 7 days, do

MINISTRY FOR PRIMARY INDUSTRIES NEW ZEALAND 02/08/2024

			not apply. ***Non-producing vines*:** If fruit producing vines are also present in the same block (or may otherwise be exposed) application must be prior to flowering, otherwise there are no timing restrictions for application. Note: A non-producing vine is a vine that will not produce fruit for human or animal consumption in the season of treatment (i.e. male, immature or grafted vines). No withholding period applies to non-producing vines.

It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residue Levels for Agricultural Compounds.

Withholding Periods:
Consult industry export authority for crop specific advice.
Kiwifruit……...Apply from bud-break to before the start of flowering.
Apples, pears……35 days
Apricots, cherries, nectarines and plums ……35 days
Peaches ……56 days
Seedling tomatoes……..Do not apply after transplanting
Orchard grazing can only take place post harvest once leaves are no longer present on trees/vines and it has been a minimum of 3 months since the last application.

Conditions of Supply
All goods supplied by us are produced under rigid quality control procedures, which assure the purchaser that at the time of sale they are physically suitable for use in the manner stated. However, as we cannot exercise control over their mixing, use, weather conditions or crop to which they are applied, no responsibility will be accepted for any damage or injury, which arises from their storage, handling, application or use.

UN Number 3077 Environmentally Hazardous Substance Solid, N.O.S. (Contains Streptomycin)
DG Class: 9
Packing Group: III

Agrecovery Logo

Barcode: 9415840850172

MINISTRY FOR PRIMARY INDUSTRIES
NEW ZEALAND
02/08/2024

Keep this information at hand until all product has been used.

As indicated on the front panel of the KEYSTREPTO label, additional non-standard ACVM requirements apply to users of this product. BY LAW users must comply with the conditions listed below:

Condition 87:
This product must only be used according to the label except where permission for an off-label use has been granted by the Ministry for Primary Industries. Where permission has been granted, use of the product must comply with any additional controls stated in the documentation confirming permission.

Condition 113:
The person applying the product must have a current Growsafe certificate and suitable experience in relation to the use of agricultural chemicals.

Condition 114:
Neighbours and beekeepers with hives on the property being treated or neighbouring properties must be notified at least 12 hours (but preferably 48 hours) prior to application.

Condition 117:
A person applying the product must take all practicable steps to prevent spray drift outside of the area intended for treatment.

Condition 121:
The person responsible for the orchard or nursery the product is being used in is required to maintain records of use detailing the following information:

a) the name of the product
b) the batch number for the product to be applied and place of purchase
c) the date and time of each application
d) the amount of the product applied and the associated water rates
e) the location where the product was applied
f) a description of the application equipment
g) the name of the user of the product and the user's address
h) details of the spray drift mitigation measures
i) details of any non-conformance with the controls imposed on use of the product. All non-conformances must be notified to Key Industries Ltd (the registrant).

MINISTRY FOR PRIMARY INDUSTRIES NEW ZEALAND 02/08/2024

Condition 123:
Any beehives in the area to be treated must be covered to prevent exposure to product during application or removed from the area. Hives can only be reintroduced or uncovered once spray deposits have dried.

Condition 124:
To reduce the risk of residues in bee products, measures must be taken to ensure that flowers on non-target plants that may be foraged by bees are kept to the absolute minimum practically possible in the area being treated (e.g. by mowing or use of a suitable herbicide before treatment). If significant numbers of flowers are present on non-target plants present in the orchard being treated, this product must not be used.

Condition 125:
When the product is to be used on kiwifruit the following requirements must be met:

1. The site where the product is to be used must be within a Kiwifruit Vine Health approved region.

2. A site inspection must be conducted by the person responsible for the management of the orchard prior to application. The inspection must confirm that:
   - no livestock access is possible
   - no non-target crops are within the spray block
   - vines present at the site to be treated will not be in flower at the time of application.
   - spray drift can be appropriately managed at the site
   - condition 123 (prevention of hive exposure) and condition 124 (minimisation of non-target flowers) will be complied with.

3. A record of the site inspection must be kept confirming the above points have been addressed. The record must be retained for a period of four years.

Condition 126:
The following requirements will apply to use on pipfruit, stonefruit and seedling tomatoes from July 2014.

1. A site inspection must be conducted by the person responsible for the management of the site of application prior to use of the product. The inspection must confirm that:
   - no livestock access is possible
   - no non-target crops are within the area being sprayed
   - spray drift can be appropriately managed at the site - timing of application will be consistent with the label
   - condition 123 (prevention of hive exposure) and condition 124 (minimisation of non-target flowers) will be complied with.

2. A record of the site inspection must be retained confirming the above points have been addressed. The record must be retained for a period of four years.

For Questions contact: KEY Industries Ltd Phone: (09) 917-1791

Email: sales@keyindustries.co.nz