

FLAMMABLE, TOXIC, ECOTOXIC  
Keep out of reach of children

Tokuthion<sup>®</sup>  
Insecticide

Active Ingredient:  
500g/litre prothiofos in the form of an emulsifiable concentrate  
Also contains 420 g/litre xylene

For the control of mealy bug in grapes.

Net Contents: 5 Litres



HAZARD CLASSIFICATION  
3.1C, 6.1D (oral) 6.1E (dermal), 6.3A, 6.4A, 6.5B, 6.9A, 9.1A, 9.3B, 9.4B  
Records must be kept of use.



APPROVED HANDLER  
This product must only be handled by, or under the direct supervision of, an approved or certified handler.

WARNING  
Flammable liquid and vapour — keep away from naked flame.  
Harmful if swallowed.  
Harmful - causes skin irritation.  
Harmful - causes serious eye irritation.  
Harmful - may cause an allergic skin reaction.  
Toxic – causes target organ damage from repeated oral exposure at high doses.  
Very toxic to aquatic organisms with long lasting effects – must not be applied directly onto or into water.  
Toxic to terrestrial vertebrates.  
Toxic to terrestrial invertebrates.  
This product is toxic to bees. Do not apply this product to any plant or tree likely to be visited by bees at the time of application or immediately after application until spray has dried or areas where bees are foraging.

PRECAUTIONS  
PERSONAL PROTECTION  
Do not breathe vapours or spray. When mixing, loading, spraying or re-entering treated areas within re-entry interval, wear full personal protective equipment (PPE): chemical resistant coveralls, gloves, footwear plus socks, and headgear for overhead exposure; protective eyewear; respiratory protective equipment to protect against respiratory exposure to mist and vapours. (PPE is not required where application is from a vehicle and the applicant is operating the vehicle from within a fully enclosed cab equipped with protective equipment to prevent contact with and inhalation of the substance.) Wash thoroughly with soap and water after handling and before eating, drinking or smoking. Wash protective clothing immediately after use.

SPRAY DRIFT MITIGATION: The person applying this substance must not cause adverse effects beyond the boundary of the treated property, and must also avoid adverse effects from spray drift occurring. Mitigation measures employed must be recorded as part of the application records.

NOTIFICATION: For wide-dispersive applications the product must not be applied unless written notice of the proposed applications has been given to any person likely to be directly affected by the application, including occupiers and owners of land, dwellings or buildings or property that is immediately abutting the application area. The notice must be given at least 2 working days but no more than 4 weeks in advance of each application and Specify: the location of the application area; the date and approximate duration of each application; the steps to be taken by the notified parties to avoid exposure; the name of the organisation/s undertaking the application; contact details for the person in charge of the application (phone, email or postal address, including a contact number for immediate contact during application).

STORAGE  
Store in original container, tightly closed and in a locked dry, cool, well ventilated area, away from food stuffs. When stored appropriately this product should show no significant degradation for 2 years from the date of manufacture. Contact your supplier for further information about the use of this product if it is older than this.

SPILLS AND DISPOSAL  
When dealing with spills wear personal protective clothing and equipment as described in the PERSONAL PROTECTION section. Contain the spill by damming, recover spilt product by absorbing with sawdust or an inert absorbent material then transfer the recovered spilt material to a properly labelled drum. Deal with all spillages immediately. If contamination of drains, streams, watercourses, etc is unavoidable, warn the local water authority.  
Disposal: Dispose of this product only by using according to the label or at an approved disposal facility. Avoid contamination of any water supply with product or empty container.  
Container Disposal: Triple rinse empty container and add rinsate into the spray tank. Bury in an approved landfill.

First Aid: If swallowed do NOT induce vomiting. For advice, contact the National Poisons Centre 0800 POISON (0800 764766) or a doctor immediately. If skin contact occurs, remove contaminated clothing and flush skin with running water. If irritation occurs seek medical advice. If splashed in eye, wash out immediately with water, if irritation persists get medical advice. If inhaled move the victim to fresh air immediately. TOKUTHION is a contact insecticide acting as a stomach and contact poison.  
Compatibility: TOKUTHION<sup>®</sup> is compatible with most commonly used fungicides and Insecticides. Do not use with alkaline materials such as Bordeaux mixture and lime sulphur.

DIRECTIONS FOR USE		
Crop	Pest	Recommendations
Grapes	Mealy bug	Apply 100ml/100 litres plus 1% oil during dormancy. To ensure complete coverage use at least 1000 litres spray mix per hectare on mature vines.

RE-ENTRY INTERVAL: DO NOT re-enter treated crop without full PPE for 48 hours after application. The person in charge is responsible for ensuring the re-entry interval is observed.  
Maximum application frequency is set at 1 time per crop cycle by EPA control.  
Maximum application rate is set at 500g prothiofos /ha by EPA control.  
Aerial application of this product is not permitted by EPA control.  
It is an offence to use this product on animals.  
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.

CONDITIONS OF SUPPLY  
READ THESE CONDITIONS OF SUPPLY BEFORE BUYING AND USING.  
IF THESE CONDITIONS ARE UNACCEPTABLE, RETURN AT ONCE UNOPENED.  
To the extent permitted by law, buyers and/or users of the goods accept that neither the manufacturer, Etec Crop Solutions Ltd as distributor, nor any other distributor have any liability or responsibility whatsoever for any loss, damage or injury whether in contract or tort, whether direct, indirect or consequential howsoever arising in connection with the supply of these goods.

Registered pursuant to the ACVM Act 1997 No. P002731  
See [www.nzfsa.govt.nz/acvm/](http://www.nzfsa.govt.nz/acvm/) for registration conditions  
Approved pursuant to the HSNO Act 1996, No. HSR000200  
See [www.epa.govt.nz](http://www.epa.govt.nz) for approval conditions.

Note: This approval is subject to a managed phase out and cannot be imported or sold after 1 July 2023. Stock in trade at this time can be sold and used.

©TOKUTHION is a Registered Trademark of Arysta LifeScience  
Arysta LifeScience and the Arysta LifeScience logo are registered trademarks of Arysta LifeScience Corporation.  
© 2018 Arysta LifeScience Group Company

Registered to: Arysta LifeScience North America Corporation  
Distributed by:  
Etec Crop Solutions an  
Arysta LifeScience Group Company.  
[www.arystalifescience.nz](http://www.arystalifescience.nz)



D.O.M.:  
Batch No:  
Label Code:

EMERGENCY PHONE  
0800CHEMCALL  
0800 243 6225



9 421022 425991

AR186



UN1993  
Flammable liquid  
N.O.S. (Contains xylene)  
PACKING GROUP III  
HAZCHEM 3Y  
MARINE POLLUTANT  
(for Marine Transport Only)



IN A TRANSPORT  
EMERGENCY  
DIAL 111  
POLICE AND FIRE BRIGADE