

**FLAMMABLE • TOXIC • ECOTOXIC**

**Keep out of reach of children**

Arysta  
**Tokuthion**<sup>®</sup>  
Insecticide

**Organophosphate insecticide**

**Active ingredient:**

**500g/litre prothiofos in the form of an emulsifiable concentrate**

**Also contains 420g/litre xylene**

**For the control of mealy bug, woolly aphid and scale in apples, mealy bug and scale in pears and mealy bug in grapes.**

**CONTENTS: 5 Litres**

**zelam**

 **Arysta LifeScience**

Distributed by Zelam Ltd  
Hudson Rd, New Plymouth, NZ Tel: 06 755 9234

This product must be under control of an approved handler during use.  
HSNO Classifications: 3.1C, 6.1D, 6.3A, 6.4A, 6.5B, 6.9A, 9.1A, 9.3B, 9.4B  
Records must be kept of use.



**WARNING**

Flammable liquid and vapour – keep away from naked flame. May be harmful if swallowed. Harmful – may cause skin irritation. Harmful – may cause eye irritation. Harmful – may cause sensitisation from prolonged skin contact. Toxic – presumed to/may cause target organ damage from repeated oral exposure at high doses. Toxic to aquatic organisms – must not be applied directly onto or into water. Toxic to terrestrial vertebrates. Toxic to terrestrial invertebrates.

**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 landfill. Avoid contamination of any water supply with product or empty container.

**Container Disposal:** Triple rinse container and add residue to mixture. Bury in a suitable 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 eyes, 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 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
Apples	Mealy Bug Scale Woolly Aphid	Apply 100 mL/100 litres plus 2.5% oil at green tip, followed by 60 mL/100 litres at tight cluster. Ensure complete coverage and on mature trees use at least 3500 litres spray mix per hectare to ensure good penetration of bark cracks and crevices.
Pears	Mealy Bug Scale	Apply 100 mL/100 litres plus 2.5% oil at green tip, followed by 60 mL/100 litres at tight cluster. Ensure complete coverage and on mature trees use at least 5000 litres spray mix per hectare to ensure good penetration of bark cracks and crevices.
Grapes	Mealy Bug	Apply 100 mL/100 litres plus 1% oil during dormancy. To ensure complete coverage use at least 1000 litres spray mix per hectare on mature vines.

Aerial application is not permitted.

**Max application:** once / crop cycle.

**Toxic to bees.**

**Restricted entry Interval:** 48hrs. The person in charge, as required under the approved handler regulations, is responsible for this 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 New Zealand Food Standards

**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 Zelam does not accept any liability or responsibility whatsoever for any loss, damage or injury whether direct, indirect or consequential howsoever arising in connection with these goods, including without limitation their storage, application, handling or use. Zelam does not make any warranties (express or implied) with respect to fitness for purpose, merchantable quality or any other matter. To the extent only that Zelam is prevented by law from contracting out of the Consumer Guarantees Act, then these conditions apply subject to that Act. The Act shall not apply where these goods are acquired for business purposes.

Registered pursuant to the ACVM Act 1997, No. P2731

See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) 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.

Tokuthion<sup>®</sup> is a registered trademark of Arysta LifeScience Corporation, Japan.

Registered to: Arysta LifeScience North America Corporation

**zelam**

Batch No.:

Date of Manufacture

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**UN 1993  
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 •**