

HAZARD CLASSIFICATION: 3.1D, 6.1E, 6.3A, 9.1A
This product must not be used for any purpose, or in any manner, contrary to this label unless authorised under appropriate legislation.

TOXICITY

• Harmful - may be harmful if swallowed, inhaled or absorbed through the skin. May cause skin irritation.

ECOTOXICITY

Very toxic to aquatic organisms.

Admiral may only be applied in greenhouses. DO NOT contaminate any water supply with product or empty container.

DO NOT apply under weather conditions, or from spraying equipment, that may cause spray or spray drift into or onto water.

FLAMMABLE:

Warning – combustible liquid. Keep away from sources of ignition.

HANDLING PRECAUTIONS

STORAGE

Do not store near heat or flame.

Store in original container tightly closed, in a well-ventilated area, as cool as possible, away from sources of ignition and foodstuffs. Do not store for prolonged periods in direct sunlight. Store in accordance with NZS 8409 Management of Agrichemicals. Do not store with Class 1, 2, 3.2, 4 or 5 substances.

Stores containing 100 litres of Admiral require secondary containment and signage, and more than 100 litres require emergency response plans. Stores containing 500 litres must have at least 2 fire extinguishers.

PERSONAL PROTECTION

Avoid skin and eye contact and inhalation of spray mist.

Appropriate personal protective equipment (PPE), for example, safety goggles, gloves, washable hat, respiratory mask and protective clothing shall be worn when handling the substance during mixing, loading, use and disposal. Wash hands after use. After each day's use, wash gloves, goggles and contaminated clothing.

EQUIPMENT

Apply using accurately calibrated and well maintained equipment. Clean equipment thoroughly after use.

DISPOSAL

Dispose of product only by using according to the label or at an approved landfill. Do not burn. Ensure container is completely empty. Triple rinse empty container and add rinseate to spray tank. Recycle empty container. Otherwise crush and bury in a suitable landfill.

First Aid: If swallowed DO NOT induce vomiting. For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. If splashed in the eyes, wash out immediately with water. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If inhaled move victim to fresh air immediately.

Spillage: Wear appropriate protective clothing. Extinguish all ignition sources, exclude all bystanders from the vicinity of the spill and prevent material from entering waterways or coming into contact with Class 1, 2, 3.2, 4, or 5 substances. Absorb spills with inert material and place in waste containers. Wash area with water and detergent and absorb with further inert material. Dispose of waste safely in an approved landfill.

Transport: Do not carry more than 1L of Admiral on a passenger service vehicle.

Record Keeping: Records of use as described in NZS 8409 Management of Agrichemicals must be kept if 3 litres or more is applied within 24 hours.

Safety Data Sheet: Additional information is listed in the Safety Data Sheet.

Mixing and Compatibility: Measure the required amount of Admiral, add to the partly filled spray tank and then add the remainder of the water. Apply Admiral alone unless compatibility with the tank mix partner is known.

Shelf Life: When stored appropriately this product should show no significant degradation for three years from the date of manufacture. Contact your supplier for further information about the use of any product that is older than this.

Resistance Management: For insecticide resistance management Admiral is a Group 7C insecticide. Some naturally occurring insect biotypes resistant to Admiral and other Group 7C insecticides may exist through normal genetic variability in any insect population. These individuals can eventually dominate the insect population if Admiral or other Group 7C insecticides are used repeatedly. DO NOT apply Admiral more than twice in any one crop per 12 month period. Use an insecticide from a different chemical group the next time whitefly control is required. Maximise non-insecticide controls.

WARNING – Combustible liquid HARMFUL • ECOTOXIC Keep out of reach of children

Admiral®

INSECT GROWTH REGULATOR

Active ingredient: 100g/litre PYRIPROXYFEN as an emulsifiable concentrate

A selective insect growth regulator for the control of whitefly on greenhouse tomatoes and greenhouse cucumbers.

Net: 1 Litre



L50150609



GENERAL INSTRUCTIONS:

Admiral acts by suppressing egg development and by inhibiting metamorphosis and adult emergence of target insects. Admiral has no activity on adult insects and pupae. Since activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides. Admiral is of low toxicity to adult parasitoids such as *Encarsia*, *Eretmocerus* and *Aphidius* which are used in IPM programmes, but it may indirectly reduce parasitoid numbers by removing the host. Admiral does not affect predatory mites, or bumblebees used for pollination. However, it is good practice to delay application to a time of day when bumblebees are not actively foraging. Admiral affects all immature life stages of Coccinellid beetles, and is not suitable for use in greenhouses that rely extensively on predatory ladybird beetles e.g. *Cleobora mellyi* for control of pests.

DIRECTIONS FOR USE: The rates suggested are for high volume spraying to run-off. For concentrate spraying adjust dilution rate accordingly.

CROP	INSECT	RATE	CRITICAL COMMENTS
Greenhouse Tomatoes	Whitefly	50mL/100L water (minimum 500 mL/ha)	Apply at first appearance of whitefly. Ensure thorough coverage to all parts of the plant, especially the undersides of the leaves. The addition of a non-ionic wetting agent at label rates is recommended to improve coverage. Use 500-1000L water/ha and up to 2000L water/ha for full canopy tomato crops. Make a second application 10-14 days later. Use an alternative insecticide to control adult whitefly. Follow resistance management recommendations.
Greenhouse Cucumbers			

WITHHOLDING PERIOD: Tomatoes, cucumbers, 1 day.

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Approved pursuant to the HSNO Act 1996, Approval Code HSR100011

See www.ermanz.govt.nz for approval controls.



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EMERGENCY RESPONSE (All Hours) Ring from anywhere in New Zealand 0800 651 911

PROPER SHIPPING NAME	HAZARD CLASS	UN No.	HAZCHEM	PACKING GROUP
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (pyriproxyfen 10%)	9	3082	2X	III

Batch No:

D.O.M: