

265mm wide

**WARNING. KEEP OUT OF REACH OF CHILDREN. ECOTOXIC. COMBUSTIBLE LIQUID. Keep away from sources of ignition.**

**HSNO Class: 3.1D, 6.1D, 6.3A, 6.4A, 6.9A, 9.1A, 9.2B, 9.3B, 9.4A Approved Handler Applies**

This product must be under the personal control of an approved handler or secured.

**ENVIRONMENTAL WARNING:** TOXIC TO AQUATIC LIFE. TOXIC TO FISH. DO NOT apply to bodies of water. DO NOT contaminate sewers, drains, dams, creeks or any other waterways with product or empty container. TOXIC TO THE SOIL ENVIRONMENT. TOXIC TO TERRESTRIAL VERTEBRATES. VERY TOXIC TO TERRESTRIAL INVERTEBRATES. TOXIC TO BEES - spray must not contact plants in flower if they are likely to be visited by bees except in the evening when bees have stopped working.

**HEALTH WARNING:** TOXIC IF INGESTED - presumed to cause damage to the nervous system from repeated oral exposure at high doses. May cause skin and eye irritation.

**CONTAINER DISPOSAL:** Triple rinse container and add residue to spray tank. Burn if permitted and circumstances, especially wind direction allow, otherwise bury in landfill.

**HANDLING PRECAUTIONS:** When mixing or applying, avoid contact with skin and eyes. Wear protective clothing, gloves and goggles. Do not eat or drink while using. Wash hands and face before meals and after work. Wash protective clothing after work.

**STORAGE:** Store in original container tightly closed and in a locked, dry, cool, well ventilated area, away from feed, seeds and foodstuffs. This product is classified under HSNO as 6.1D and 9.1A, and storage of certain quantities may require bunding and signage. See the HAZNOTE for further information.

When stored appropriately this product should show no significant degradation for 2 years. Contact your supplier for further information about the use of any product that is older than this.

**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 skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. DO NOT SCRUB THE SKIN. If concentrate is splashed in the eyes, flush with running water for at least 15 minutes. Take to hospital without delay.

**EXCLUSION OF LIABILITY: PLEASE READ**

To the extent permitted by law, buyers and/or users of the goods accept that neither the manufacturer, Elliott Technologies Limited 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.

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**24 Hour Emergency Response  
0800 CHEM CALL  
0800 236 2255**

Manufactured in the USA by:  
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Agriculture Chemical Group  
Philadelphia PA 19103

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Batch No.:  
DOM:



**WARNING  
KEEP OUT OF REACH OF CHILDREN**

**TALSTAR**  
100 EC INSECTICIDE/MITICIDE

**For the control of armoured scales and leafrollers pre-blossom in kiwifruit; diamond back moth and white butterfly in vegetable brassicas; caterpillars, tomato fruitworm and aphids in tomatoes; and aphids pre-blossom in buttercup squash and pumpkins.**

READ THE LABEL CAREFULLY BEFORE USE

Active Ingredient:  
100g/litre bifenthrin in the form of an emulsifiable concentrate.  
Also contains 760 g/litre hydrocarbon liquids.

NET CONTENTS:  
1 Litre

Registered By:  
Elliott Technologies Limited  
PO Box 838, Pukekohe, New Zealand.  
Phone: 0800 100 325 [www.elliott-technologies.co.nz](http://www.elliott-technologies.co.nz)



**PRODUCT INFORMATION:**

**TALSTAR 100EC** is a synthetic pyrethroid insecticide/miticide with a broad spectrum of activity controlling a wide range of chewing and sucking insects on kiwifruit, tomatoes, buttercup squash, pumpkins and vegetable brassicas. **TALSTAR 100EC** kills pests through both contact and ingestion. **TALSTAR 100EC** is not systemic so thorough coverage is essential.

**DIRECTIONS FOR USE**

**Mixing:** Pour the required quantity into the partly filled spray tank with agitation running, and complete filling of the tank. Add a non-ionic wetting agent to improve wetting of the leaf surface if necessary.

**Application:** Apply in sufficient water to obtain complete coverage. For horticultural crops, the rates are for high volume spraying to run-off. For concentrate spraying adjust dilution rate accordingly. Use the high rate under high insect pressure and when spraying on a 10-14 day schedule. Alternatively, use crop monitoring to determine when to spray for appropriate crops.

**RECOMMENDATIONS:**

Crop	Pest	Rate	Remarks
Kiwifruit	Armoured scales	40ml/100 litres water (min. 600 ml/ha)	Apply at late dormant stage in 1000 to 1500 litres of water.
	Armoured scales Leafrollers	20ml/100 litres water. (min. 500 ml/ha)	Apply just before male vines begin to flower in 1500 to 2500 litres of water/ha.
<b>NOTE:</b> For best armoured scale control, the above 2-spray programme is required.			
Field Tomatoes	Tomato fruitworm Aphids	250-500ml/ha	Apply one application after 7th January when second generation of tomato fruitworms are present. Use non-synthetic pyrethroid products prior to January 7th to control first generation tomato fruitworms. See resistance management statement below.
Buttercup Squash and Pumpkins	Aphids	200-400ml/ha	Make a single application pre-blossom. See resistance management statement below.
Vegetable brassicas	Diamond back moth and white butterfly caterpillars	250-500ml/ha	Apply from emergence in alternation with a non-synthetic pyrethroid product. Add a non-ionic surfactant. See resistance management statement below.

**IMPORTANT - RESISTANCE MANAGEMENT:**

Resistance to this pesticide may develop from excess use. To minimise this risk use strictly in accordance with label instructions.

Diamond back moth caterpillars - avoid using this insecticide exclusively all season and avoid unnecessary spraying. Maintain good cultural practices.

Tomato fruitworm - Do not apply before the 7th of January and avoid unnecessary spraying. Maintain good cultural practices.

Aphids - If necessary to spray twice for aphids, use an insecticide with a different mode of action. Do not use a synthetic pyrethroid. If Tomato fruitworm is present in a squash crop prior to 7th January, do not spray **TALSTAR 100EC** in line with the tomato fruitworm strategy above.

**COMPATIBILITY:**

Compatible with most commonly used fungicides and insecticides. Do not mix with lime sulphur or hydrogen cyanamide.

**WITHHOLDING PERIODS:**

Kiwifruit - do not spray after first female flowers open; Field tomatoes - 3 days; Buttercup squash and pumpkins - do not apply after flowering; Vegetable brassicas - 3 days.

EL211

160mm deep

**YOUR PROOF**

job#: 149383  
name: 02 Talstar 100 EC 1L  
client: Elliotts  
date: 7/06/2007

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Phone +64 9 630 5822  
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- Dieline
- Oversticker area
- PMS 485
- Black

NET CONTENTS:  
8 x 1 Litre

8mm deep x 25mm wide