

orion AGRISCIENCE

HIGHLY FLAMMABLE LIQUID AND VAPOUR | TOXIC | ECOTOXIC
KEEP OUT OF REACH OF CHILDREN

ORION
Methomyl
200SL
INSECTICIDE

A broad spectrum insecticide for the control of insects in CEREALS, PASTURE, FRUIT and VEGETABLE crops

Active Ingredient:

200 g/L methomyl in the form of a soluble concentrate.
Also contains 680 g/l methanol



20 Litres

PLEASE READ THE LABEL COMPLETELY BEFORE USE



HAZARD CLASSIFICATIONS: 3.1B, 6.1C, 6.4A, 6.8B, 6.9A, 9.1A, 9.2D, 9.3B, 9.4A

DANGER: FLAMMABLE, TOXIC, ECOTOXIC

Highly flammable liquid and vapour. May be fatal if swallowed, inhaled or absorbed through the skin. May cause eye irritation. May cause reproductive/developmental damage and/or organ damage from repeated ingestion. Very toxic to aquatic organisms. Harmful to soil organisms. Toxic to terrestrial vertebrates. Very toxic to terrestrial invertebrates.

PRECAUTIONS

APPROVED HANDLER: This product must be under the control of an approved handler or secured.

TRACKING: This product must be tracked – Refer to NZS 8409 Management of Agrichemicals.

STORAGE: Keep out of reach of children. Do not store near heat, flame or other source of ignition. Store in the original, tightly closed container, in a secure and well ventilated area away from foodstuffs. Storage of certain quantities of this product trigger specific storage requirements (Refer to Safety Note). When stored appropriately this product should show no significant degradation for two years from the date of manufacture. Contact your supplier for further information about the use of product that is older than this.

PERSONAL PROTECTION: Avoid contact with eyes and skin. Avoid inhalation of vapour or spray mist. When mixing, loading, applying, or entering the treated area within 24 hours of application (for rates up to 1.5 L/ha), or within 48 hours of application (for rates over 1.5 L/ha), wear chemical resistant overalls, boots and gloves, head covering for overhead exposure, and eye protection. A respirator (organic vapour and particulate matter) is required where spray mist or vapour could be inhaled. Clean protective clothing daily after work. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work. If spilt on skin, immediately wash thoroughly with soap and water.

USE: Avoid handling, mixing or use of the product or container near heat, flame or other source of ignition. Apply with well maintained and calibrated spray equipment. When applied indoors, application using hand gun spray equipment is not permitted.

DISPOSAL: Dispose of this product only by using in accordance with this label, or at a suitable landfill. Do not burn. Triple rinse container and add rinsate to the spray tank. Dispose of container to a suitable landfill or agricultural recycling scheme. Do not burn. Do not use container for any other purpose.

ENVIRONMENTAL: Use this product carefully. Do not contaminate aquatic environments with product, spray drift or empty container. Do not allow spray drift outside the target area to occur. Very toxic to bees – Do not apply to any plant or tree likely to be visited by bees at the time of application, immediately after application until the spray has dried, in areas where bees are foraging, or if the plant or tree (except strawberries and greenhouse tomatoes) is likely to flower within 8 days after application of the substance. Use of this product 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. Use of this product is subject to notification requirements to neighbours and others who may be affected.

Symptoms of Poisoning

These may include excessive sweating, headache, weakness, dizziness, nausea, small pupils, blurred vision, excessive salivation, muscle twitching and cramps.

First Aid

If swallowed do not induce vomiting. If splashed in eyes, wash out immediately with running water for several minutes. If skin or hair contact occurs, remove contaminated clothing immediately and wash with soap and running water. If inhaled, immediately move to fresh air and rest. Maintain half upright position if breathing is difficult. Call the National Poisons Centre **0800 POISON (0800 764 766)** (24 hrs) or a doctor immediately for advice.

Emergency Response

In a transport emergency call **111, Police or Fire Brigade**. In a fire, evacuate and call **111 Fire Brigade**. For specialist advice in an emergency only, call **0800 CHEMCALL (0800 243 6225)** (24 hrs).

Registered pursuant to the ACVM Act 1997, No. P7639

See www.foodsafety.govt.nz for registration conditions.

Approved pursuant to the HSN0 Act 1996, No. HSF000584

See www.epa.govt.nz for approval conditions.

TMSYNERGY is a Trade Mark of Orion AgriScience Ltd.

Registrant:

Agstin Pte Ltd, Zagro Global Hub, 5 Woodlands Terrace, Singapore 738430

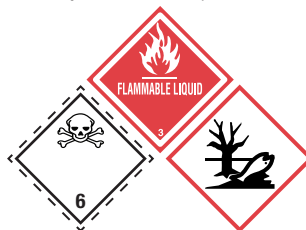
Distributor:

Orion AgriScience Ltd, Unit 1, 15 Sir Gil Simpson Drive, Harewood, Christchurch 8053

Batch No.

Date of Manufacture

Orion Methomyl 200SL



UN 2758

CARBAMATE PESTICIDE, LIQUID, FLAMMABLE, TOXIC

PACKING GROUP II

HAZCHEM CODE 3WE

IN A TRANSPORT EMERGENCY, DIAL 111 POLICE OR FIRE BRIGADE
FOR SPECIALIST ADVICE IN AN EMERGENCY CALL 0800 CHEMCALL
(0800 243 622)

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Spillage

Extinguish any ignition sources. Exclude non-essential people from the area. Avoid entering confined spaces. Wear protective clothing and prevent material from entering waterways. Absorb spill with inert material such as soil, sand, etc, and place in a waste container. Wash area with water and detergent, and absorb with further inert material. Dispose of safely to a suitable landfill.

Safety Data Sheet

Additional information is provided in the safety data sheet. Freephone **0800 ORIONAS (0800 674 6627)** or visit **www.orionagriscience.co.nz**.

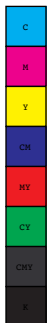
MIXING

Partly fill the spray tank with water, and add the required quantity of Orion Methomyl 200SL. Maintain agitation through filling and spraying. A surfactant such as Synergy™ Wetter Sticker should be added when spraying hard to wet plants. When adding a surfactant, add to the tank last to minimise foaming.

WITHHOLDING PERIODS

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.

Refer to Table.



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RESISTANCE MANAGEMENT

GROUP	1	INSECTICIDE
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Orion Methomyl 200SL contains the carbamate compound methomyl. Resistance to this insecticide could develop from excessive use. To minimise this risk, use strictly in accordance with label instructions. Consult <http://resistance.nzpps.org/index.php> for alternative modes of action and details of resistance management strategies (if any) for the insect pests listed on the label.

WARRANTY

This formulation is warranted to contain the specified active ingredient within accepted analytical tolerance when packed. The user bears the risk for damage resulting from factors beyond the manufacturer's control. The manufacturer declines all liability for damage resulting from improper storage or use of the product.

DIRECTIONS FOR USE

It is an offence to use this product on animals.

CROP	INSECTS	RATE	TIMING COMMENT	WITHHOLDING PERIOD
Beans	Green peach aphid Looper caterpillar	1.5 – 2 L/ha	At the first sign of infestation. Repeat as required	2 days
Cabbage, Cauliflower	Green peach aphid Looper caterpillar	1.5 – 2 L/ha	At the first sign of infestation. Repeat as required	7 days
Cereals	Armyworm caterpillar Greasy cutworm	1.5 – 2 L/ha	At the first sign of infestation. Repeat as required. For aerial application apply in 100 – 200 litres water	7 days
Glasshouse Crops – Capsicums, Cucumbers, Tomatoes	Whitefly	120 mL / 100 L	When adults reach threshold levels. Repeat at 4 day intervals. Alternate with insecticides from a different class to prevent resistance.	2 days
Grapes	Leafroller caterpillar Mealy bug	120 – 180 mL / 100 L	At 14 day intervals from bud burst as a seasonal programme. Do NOT spray when crop is flowering.	7 days
Lettuce	Green peach aphid Looper caterpillar	2 L/ha 1.5 - 2 L/ha	At the first sign of infestation. Repeat as required	7 days
Maize Sweetcorn	Corn earworm Greasy cutworm	1.5 – 2 L/ha	At the first sign of infestation. Repeat as required.	7 days
Pasture	Armyworm caterpillar	1.5 – 2 L/ha	At the first sign of infestation. Repeat as required.	7 days
Bush and Canefruit	Bud moth Leafroller caterpillar	120 ml / 100 L	Apply as a full season programme starting from petal-fall. Do NOT spray when crop is flowering.	2 days
Strawberries	Leafroller caterpillar Aphids	120 ml / 100 L	Apply as a full season programme starting from petal-fall. Do NOT spray when crop is flowering, except in the evening when bees are not foraging.	2 days
Tomatoes	Green peach aphid Looper caterpillar Tomato fruit worm	2 L/ha 1.5 - 2 L/ha	At the first sign of infestation. Repeat as required	2 days

Note: Where use rates are given per ha, apply in 100 – 400 L of water per ha. Where use rates are given per 100 L; the rates suggested are for high volume spraying to run-off. For concentrate spraying, adjust dilution rates accordingly. Do **NOT** exceed 2.4 L/ha for any application.

