

Keep out of reach of children
TOXIC | ECOTOXIC | COMBUSTIBLE LIQUID



Outperform 500

INSECTICIDE

For control of various insect
pests in certain agricultural and
horticultural crops.

ACTIVE INGREDIENT:

500 g/litre Chlorpyrifos in the form of an
emulsifiable concentrate.

Net contents: 20 L



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PLEASE READ THE LABEL COMPLETELY BEFORE USE

HAZARD CLASSIFICATION

Flammable liquid Category 4, Acute oral toxicity Category 3, Acute dermal toxicity Category 3, Acute inhalation toxicity Category 4, Aspiration hazard Category 1, Eye irritation Category 2, Reproductive toxicity Category 2, Specific target organ toxicity (repeated) Category 1, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to terrestrial invertebrates, Hazardous to aquatic environment (acute) Category 1, Hazardous to the aquatic environment (chronic) Category1.

TOXICITY DANGER - Toxic if swallowed or in contact with skin. May be fatal if swallowed and enters airways. Causes damage to organs through prolonged or repeated exposure. Harmful if inhaled. Causes serious eye irritation. Suspected of damaging fertility or the unborn child.

FLAMMABILITY Combustible liquid.

ECOTOXICITY Very toxic to aquatic life with long lasting effects. Do not apply onto or into water. Avoid contamination of any water supply with product or empty container. Toxic to the soil environment. Very toxic to terrestrial vertebrates. Very 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 either: at the time of application; or immediately after application until spray has dried; or in areas where bees are foraging.

THIS PRODUCT IS RESTRICTED TO WORKPLACES ONLY

PCBU RESPONSIBILITIES A PCBU with management or control of work using this substance must ensure that every worker who uses, handles, manufactures, or stores this hazardous substance (including hazardous waste) is, before the worker is allowed to carry out or supervise work involving those substances, provided with adequate information, training and instruction. This includes the use of personal protective equipment to be used to minimize risks to the health and safety of workers when carrying out work using this substance.

QUALIFIED HANDLER This product must be under the control of a suitably approved qualified handler, or under the direct supervision of a person with the required qualifications. during mixing, loading and use. Refer to HPC Notice Part 4 Subpart C for suitable qualifications.

RECORD KEEPING If 3 kg or more is applied within 24 hours, in places where the product is likely to enter air or water and the application area, a written record is to be kept for each application.

HANDLING PRECAUTIONS

PERSONAL PROTECTION Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe spray mist or vapours. Use personal protective equipment as required. Use only outdoors or in a well-ventilated area. Keep away from flames and hot surfaces. When mixing, loading or applying, or entering an application area within the REI, wear appropriate full protective clothing such as chemical resistant boots with socks, a chemical resistant spray suit or coat and trousers (worn outside boots), elbow-length chemical resistant gloves, eye protection, and chemical resistant headgear for overhead exposures. A. approved respirator with combination filter for vapour/particles should also be worn. Wash splashes of concentrate from skin immediately. Remove protective clothing and wash hands, arms and face with soap and water before meals and after work. Wash protective clothing daily after use.

EQUIPMENT A PCBU with management or control of work using this substance must ensure that equipment used to handle this substance retains the substance, without leakage, at all of the temperatures and pressures at which the equipment is to be used; and dispenses or applies the substance, without leakage, at a rate and in a manner that the equipment is designed for. The PCBU must ensure that the equipment is accompanied by documentation that is readily available and readily understandable about the use and maintenance of the equipment.

STORAGE MUST BE SECURED IF LEFT UNATTENDED. Store locked up in the original tightly closed container in a well-ventilated place. Store in accordance with the current version of NZS 8409 Management of Agrichemicals. Keep cool. In case of fire use water fog or fine spray for extinction. There are requirements when storing this product in a workplace, relating to labelling, safety data sheets, stationary container systems, separation distances, secondary containment, emergency response plans, and signage; and in a place other than a workplace, relating to stationary container systems, separation distances, emergency response plans, secondary containment, and signage. Secondary containment and emergency response plans are required where 100 L or more of this product are stored. Refer to the product SDS for further information.

Do not store with Class 1, 2, 3.2, 4 or 5 substances or foodstuffs. Stores containing more than 500 L of **Outperform 500** require two fire extinguishers.

SHELF LIFE 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 any product that is older than this.

SPILLAGE AND DISPOSAL Avoid contamination of any water supply with chemical or empty container. Collect spill. Exclude all bystanders from the vicinity of the spill and prevent material from entering waterways or coming in contact with Class 1, 2, 3.2, 4 or 5 substances. Wear appropriate protective clothing as in the personal protection section of this label to clean up spills. Absorb spills with an inert material (such as vermiculite, earth, sand or synthetic absorbent substance) and place in waste containers Wash area with water and alkaline detergent. Then absorb any remaining liquid with further inert material. Dispose of the waste safely in an approved landfill.

Product Disposal Dispose of this product only by using according to the label, or through an agrichemical recovery service or at an approved landfill or other approved facility.

Container Disposal Triple rinse empty container and add rinsate to spray tank. Submit clean empty container to an agrichemical recycler. Alternatively, burn in an appropriate incinerator if circumstances such as wind direction permit, or puncture and bury in a suitable landfill. Avoid contamination of any water supply with product or empty container.

FIRST AID For advice, or if you feel unwell or are exposed or concerned, contact the National Poisons Centre 0800 POISON (0800 764 766) or doctor immediately.

IF SWALLOWED: Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTRE or doctor for advice. If person vomits spontaneously, ensure head is below hips to prevent aspiration into lungs.

IF ON SKIN: Immediately remove all contaminated clothing. Wash with plenty of soap and water. Call a POISON CENTRE or doctor if you feel unwell. Wash contaminated clothing before reuse.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists get medical attention.

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

Call a POISON CENTRE or doctor if you feel unwell.

TRANSPORT Do not carry packs greater than 1 L of this product on a passenger service vehicle.

EMERGENCY RESPONSE In a transport emergency call 111, Police or Fire Brigade.

DIRECTIONS FOR USE
It is an offence to use this product on animals.
DO NOT APPLY MORE THAN 3 L PRODUCT PER HECTARE.
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.

WITHHOLDING PERIOD
Avocados, grape, maize: Do not apply later than 14 days before harvest.
Cereals for grain: Do not apply later than 8 weeks before harvest.
Fodder crops, pasture: Do not apply later than 7 days before harvest.
Kiwifruit: Do not apply later than bud cracking (first visible petals).
Onions: Do not apply later than 7 days before harvest.
Pipfruit: Do not apply after tight cluster.
Squash: Do not apply later than 10 days before harvest.
Stonefruit: Do not apply after petal fall.

Leaf plucking in vineyards Sheep must not be sent for slaughter or milked for 6 months after being removed from the vineyard (and placed on clean feed).
MIXING Invert or roll container several times before opening or stir well before using to ensure concentrate is evenly mixed. Add the full quantity of product to the partly filled spray tank while agitating. Fill tank and agitate to ensure thorough mixing and continue agitation while spraying. Agitate vigorously from the bottom if allowed to stand. Reseal part used containers immediately.

COMPATIBILITY This product is compatible with most commonly used pesticides. It is not compatible with highly alkaline materials such as Bordeaux mixture and lime sulphur.

APPLICATION The rates suggested for orchard crops are for high volume spraying to run off. For concentrate spraying, adjust dilution rate accordingly. Do not apply more than 3 L **Outperform 500** per hectare.

NOTIFICATION OF APPLICATION (aerial application only)
For wide-dispersive (aerial) application, the applicator must provide written notice of the proposed application to any person(s) likely to be directly affected by the application, including occupiers and owner of land, dwellings, buildings or property that is immediately abutting the application area. Notification must be given at least 2 working days before, but no more than 4 weeks before, each application of the product; and specify the following:

- i. The location of the area the substance will be applied to.
- ii. The date and approximate duration of each application.
- iii. The steps to be taken by the notified parties to avoid exposure (e.g. closing windows and doors, moving laundry indoors, staying inside, etc.).
- iv. The name of the organization(s) undertaking the application.
- v. Contact details for the person in charge of the application (phone, email or postal address, including a contact number for immediate contact during application).

RESTRICTED ENTRY INTERVAL (REI) DO NOT allow entry into treated areas within 24 hours of application unless wearing personal protective equipment as prescribed in the personal protection section of this label.

BEE SAFETY **Outperform 500** is toxic to bees. Do not apply this product to any plant or tree likely to be visited by bees either: at the time of application; or immediately after application until spray has dried; or in areas where bees are foraging.

RESISTANCE MANAGEMENT

GROUP	1	INSECTICIDE
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Outperform 500 contains the GROUP 1 organophosphate insecticide, chlorpyrifos. Resistance to this pesticide may develop from excessive use. To minimise this risk use strictly in accordance with label instructions. Do not use another product containing an insecticide in the same group in conjunction with **Outperform 500**, and avoid using this insecticide exclusively all season and unnecessary spraying. Maintain good cultural practices. Adopt or continue to use integrated pest management which incorporates pesticide resistance prevention/management strategies for specific crops, e.g. onion thrips and vegetable brassicas. Consult <http://resistance.nzpps.org/index.php> for alternative modes of action and details of resistance management strategies (if any) for the pests listed on the label.

CONDITIONS OF SUPPLY
READ THESE CONDITIONS OF SUPPLY BEFORE BUYING AND USING. IF THESE CONDITIONS ARE UNACCEPTABLE, RETURN AT ONCE UNOPENED. 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 or registrants' control. The manufacturer and registrant decline all liability for damage resulting from improper storage or use of the product.

Registered pursuant to the ACVM Act 1997, No. P10220
See www.foodsafety.govt.nz for registration conditions.
Approved pursuant to the HSN0 Act 1996, Approval Code HSR000224
See www.epa.govt.nz for controls.

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Batch No.
Date of Manufacture

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