

orion AGRISCIENCE

DANGER
KEEP OUT OF REACH OF CHILDREN



BlizzardTM
720SC
FUNGICIDE

For the control of fungal diseases in
FRUIT, VEGETABLES, WHEAT,
ORNAMENTALS and TURF

Active Ingredient:

720 g/Litre chlorothalonil in the form of a suspension concentrate

SHAKE WELL



10 Litres



PLEASE READ THE LABEL COMPLETELY BEFORE USE**HAZARD CLASSIFICATIONS:**

Acute inhalation toxicity Category 2, Serious eye damage Category 1, Skin sensitisation Category 1, Carcinogenicity Category 2, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1

DANGER: TOXIC, CORROSIVE, ECOTOXIC

Fatal if inhaled. May cause an allergic skin reaction. Suspected of causing cancer. Causes damage to organs through prolonged or repeated exposure. Causes serious eye damage. Very toxic to aquatic life with long lasting effects. Harmful to the soil environment. Toxic to terrestrial vertebrates.

PRECAUTIONS**HANDLING REQUIREMENTS:**

Keep out of reach of children. Read carefully and follow all instructions. This product **MUST** be under the personal control of a **Certified Handler**. This product is restricted to use in the **workplace only**. This product must only be handled, mixed and applied by a suitably qualified person as defined under the HPC notice 2017 Part 4C.

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 and likely to leave the application area.

TRACKING:

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

STORAGE:

Keep out of reach of children. Store in the original, tightly closed container, in a secure place 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. Do not breathe spray mist. When mixing or applying, wear overalls, boots, gloves, head covering, eye protection and respirator (organic vapour and particulate matter). Wash splashes of concentrate from skin and immediately. 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.

DISPOSAL:

Dispose of this product only by using in accordance with this label, or at a suitable landfill. 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. Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area. Do not contaminate aquatic environments with product, spray drift or empty container. Do not allow spray drift outside the target area to occur.

FIRST AID

If medical advice is needed, have the product container or label at hand. 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 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).

SPILLAGE

Exclude non-essential people from the area. 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**

Registered pursuant to the ACVM Act 1997, No. P8849
See www.foodsafety.govt.nz for registration conditions.
Approved pursuant to the HSN0 Act 1996, No. HSR007697
See www.epa.govt.nz for approval controls.

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Batch No.

Date of Manufacture



200 x 140mm (WxH)

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MANDATORY DIRECTIONS:

By law the following restrictions must be complied with:

As Blizzard 720SC contains minute quantities of HCB, a compound that can be taken up by grazing stock to give unacceptable residues in meat and milk, the following restrictions on the use of this product must be observed. Do **NOT** graze treated crops. Do **NOT** feed any part of a treated crop to stock. **CULTIVATE** treated areas thoroughly (i.e. not direct drilling or other minimum tillage techniques) before sowing pasture or any animal feed crop.

It is an offence to use this product on animals.

GENERAL INFORMATION

Blizzard 720SC contains 720 g/litre chlorothalonil as the active ingredient, and 5% of ethylene glycol added as an antifreeze. Blizzard 720SC is a fungicide for the control of fungal diseases on fruit, vegetables, wheat, ornamentals and turf.

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.

Beans (Broad, Butter, Green, Pole)	7 days
Berryfruit (Boysenberries, Blackberries, Loganberries)	7 days
Blackcurrants	7 days
Brassicac (Broccoli, Brussels, Cabbage, Cauliflower)	7 days
Celery	7 days
Cucurbits (Cucumber, Melons, Squash)	1 day
Grapes	28 days
Lettuce	10 days
Potatoes	7 days
Stonefruit (Apricots, Cherries, Nectarines, Peaches, Plums)	Do NOT apply after shuck fall
Strawberries	1 day
Tomatoes (Outdoor)	7 days
Wheat	56 days
Export Crops	Contact your exporter or industry crop adviser.

RESISTANCE MANAGEMENT

GROUP	M5	FUNGICIDE
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Blizzard 720SC is a member of the chloronitriles group of fungicides. Resistance to this and M5 fungicides could develop from excessive use. To minimise this risk, use strictly in accordance with label instructions and resistance management strategies that exist for any diseases listed on the label. Consult <http://resistance.nzpps.org/index.php> for alternative modes of action and details of resistance management strategies (if any) for the crops 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.

APPLICATION METHODS

Ensure complete foliage coverage is obtained in all growth stages of the crop. Use a minimum of 800 litres water/ha in high volume spraying. All rates are for high volume spraying to run-off. Adjust dilution rates accordingly when using concentrated spraying methods. Adding an additional surfactant or wetting agent is **NOT** recommended as crop injury can occur under some conditions.

MIXING

Shake well before use. Add the required quantity of Blizzard 720SC to the spray tank partly filled with water, and maintain agitation through filling and spraying. When tank mixing streptomycin and Blizzard 720SC, add Blizzard 720SC to the half filled spray tank, fill remainder of tank, and then add streptomycin.

COMPATIBILITY

Compatible with most commonly used fungicides and insecticides. Do **NOT** mix with emulsifiable concentrate formulations, oils, lime sulphur or Bordeaux mixture.

RAINFALL

Do **NOT** spray if rain is expected within 6 hours of spraying.

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DIRECTIONS FOR USE

Apply with well-maintained and calibrated spray equipment.

Do not use in enclosed or poorly ventilated areas – For outdoor use only.

Crop	Rates	Disease	Critical Comments
Asparagus	2.1 litres/ha OR 210ml/100 litres water	Stemphylium Leaf Spot	Apply as soon as disease appears after closing up. Repeat at 14 – 28 intervals until ferns die off. Use the shorter interval when disease pressure is high.
Beans: Butter, Green, Pole	1.4 litres/ha OR 175 - 210 ml/100 litres water	Rust	Apply at seedling stage and then at 10 – 21 day intervals.
Beans: Broad	2.1 litres/ha OR 210 - 245 ml/100 litres water	Rust	Apply at first sign of foliar infection and then at 10 – 21 day intervals, or as needed, to maintain disease control.
Berryfruit: Boysenberries, Blackberries, Loganberries	2.1 litres/ha OR 210 - 245 ml/100 litres water	Dryberry, *Botrytis	Apply as a full season cover spray at 14 day intervals from bud burst. Reduce intervals to 7 – 10 days when infection is severe. Autumn applications are necessary to protect primocanes from infection.
Blackcurrants	2.1 litres/ha OR 210 ml/100 litres water	Leaf Spot	Apply at 10 – 14 day intervals from bud burst.
Brassicacs: Broccoli, Brussels sprouts, Cabbage, Cauliflower	1.4 litres/ha OR 175 - 210 ml/100 litres water	Downy Mildew, Ring Spot	Apply at seedling stage and then at 10 – 21 day intervals. Use the high rate for ring spot control.
Celery	2.1 litres/ha OR 210 - 245 ml/100 litres water	Septoria Leaf Spot	Apply as a full season cover spray from immediately post-planting at 7 – 14 day intervals.
Cucurbits: Cucumber, Melons, Squash	1.4 litres/ha OR 175 - 210 ml/100 litres water	Downy Mildew, Powdery Mildew	Apply at seedling stage and then at 10 – 21 day intervals.
Grapes	2.1 litres/ha OR 210 - 245 ml/100 litres water	Black Spot, Downy Mildew, Powdery Mildew, *Botrytis	Apply as a full season cover spray at 10 – 14 day intervals from bud burst onwards. Reduce intervals to 7 – 10 days when disease pressure is high. Do NOT use on table grapes as russet may occur. Use on wine grapes may also result in russet.
Lettuce	2.1 litres/ha OR 210 - 245 ml/100 litres water	Ring Spot	Apply at seedling emergence and continue at 7 to 10 day intervals throughout the growing period. A regular protective program is necessary to prevent disease establishment.
Ornamentals: Camellia, Carnation, Chrysanthemum, Geranium, Statice, Rose	175 - 210 ml/100 litres water	Black spot, *Botrytis, Downy Mildew, Powdery Mildew, Flower Blight	Apply at first sign of new growth at 10 – 21 day intervals. Do NOT apply when flower buds are showing petal colour as bloom damage may occur.

Crop	Rates	Disease	Critical Comments
Pipfruit: Apples, Pears (Non-fruit bearing only)	2.1 litres/ha OR 210 - 245 ml/100 litres water	Black Spot	Apply as a full season cover spray at 14 - 21 day intervals. Do NOT apply to fruit bearing trees as fruit russet may occur.
Potatoes	1.1 litres/ha OR 140 ml/100 litres water	Early Blight, Late Blight	Apply at 7 – 14 day intervals or as needed, to maintain disease control.
Strawberries	2.1 litres/ha OR 210 - 245 ml/100 litres water	Alternaria Leaf Spot, *Botrytis	Apply as a full season cover spray at 14 day intervals from bud burst onwards. Reduce intervals to 7 – 10 days when infection is severe.
Tomatoes (Outdoor)	2.1 litres/ha OR 210 - 245 ml/100 litres water	*Botrytis, Early Blight, Late Blight	Apply at planting out, then at 10 - 14 day intervals until harvest.
Turf, Cotula	70 – 140 ml/100 square metres 105 – 210 ml/100 square metres	Brown Patch, Dollar Spot, Leaf Spotting/Melting Out Anthracnose, Fusarium Patch, Red Thread	Apply in sufficient water to thoroughly wet foliage (7.5 – 10 litres per 100 square metres). Use the low rate for preventative applications and the high rate for curative applications. Under conditions of high disease pressure, repeat at 10 – 14 day intervals. Use with Synergy Wetter STICKER to ensure adequate wetting and penetration. Do NOT use on turf which may be grazed.
Wheat	0.7 – 1.4 litres/ha	<i>Ascochyta</i> spp, Didymella, Glume Blotch, Sooty Moulds	Apply at flag leaf emergence. If cool, wet conditions prevail: repeat until ear fully emerged. Where disease risk is high use the higher rate. Do NOT remove straw from treated fields. Do NOT use if it is likely that stock will graze the stubble.
Stonefruit: Apricots, Cherries, Nectarines Peaches, Plums	160 - 210 ml/100 litres water	Leaf Curl Blossom Blight, Brownrot, Rust	Apply pre-bud swell. When disease pressure is high apply at 7 – 14 day intervals from pink to shuck fall. Apply at 7 – 14 day intervals from pink to shuck fall.

*Botrytis: Blizzard 720SC applied as a full season spray will prevent botrytis. However, during high risk periods (i.e. wet, humid weather), use a specific botrytis fungicide.