

orion AGRISCIENCE



DANGER
KEEP OUT OF REACH OF CHILDREN

Blizzard

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



READ THE LABEL BEFORE USE



HAZARD CLASSIFICATIONS: 6.1B, 6.5B, 6.7B, 6.9A, 8.3A, 9.1A, 9.2C, 9.3B

DANGER

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. Harmful to the soil environment. Toxic to terrestrial vertebrates.

TRACKING

This product must be tracked.

CERTIFIED HANDLER

This product must be under the control of a certified handler (when not in secure storage).

PRECAUTIONS

Obtain, read and follow all safety instructions before use. Avoid contact with eyes and skin. Do not breathe spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash it before reuse. Contaminated work clothing should not be allowed out of the workplace.

STORAGE

Store in the original container in a well ventilated place. Keep container tightly closed. Store locked up. 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.

PROTECTIVE EQUIPMENT

When mixing, loading or applying, wear coveralls, boots, gloves and eye protection. Wear respiratory protection if spray mist could be inhaled.

USE

Apply with well maintained and calibrated spray equipment. Use only outdoors or in a well ventilated area. Application must be by a qualified loader, contractor or person.

DISPOSAL

Dispose of this product by using it in accordance with this label. Dispose of the container via AgRecovery after triple rinsing (use the rinsate for spraying). Do not burn. Do not use the container for any other purpose.

ENVIRONMENTAL

Take all reasonable steps to ensure that this product does not cause any significant adverse effects to the environment beyond the application area. Do not apply directly into or onto water. Collect spillage.

First Aid

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

IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs get medical help.

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Get medical help.

IF INHALED: Move person to fresh air and keep comfortable for breathing. Get emergency medical help immediately.

If exposed or concerned, get medical advice. Get medical help if you feel unwell. For advice, call the Poisons Centre on **0800 POISON (0800 764 766)** or a Doctor.

Emergency Response

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

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 HSNO Act 1996, No. HSR007697

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

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Registrant: Agsin Pte Ltd, Zagro Global Hub, 5 Woodlands Terrace, Singapore 738430

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

www.orionagriscience.co.nz

Batch No.

Date of Manufacture

orion
0821
AGRISCIENCE



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INGREDIENTS

Blizzard 720SC contains 720 g/L chlorothalonil as the active ingredient; and 5 % w/w of ethylene glycol as a stabilising agent.

MANDATORY DIRECTIONS

By law the following restrictions must be complied with:

As Blizzard™ 720SC contains minute quantities of HCB, a compound that can be uptaken 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.

These two restrictions do not apply if either of the following is first undertaken:

- a) **CULTIVATE** treated areas thoroughly (i.e. not direct drilling or other minimum tillage techniques) before sowing pasture or any animal feed crop; or
- b) **SOIL TESTING** in compliance with the 'Guideline for Management of Sheep Grazing in Vineyards or Orchards Contaminated with Hexachlorobenzene' of the vineyard/orchard area indicates HCB residues are less than 0.001mg/kg in the soil.

GENERAL INFORMATION

Blizzard 720SC is a fungicide for the control of fungal diseases on fruit, vegetables, wheat, ornamentals and turf.

It is an offence to use this product on animals.

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
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.



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DIRECTIONS FOR USE

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.
Brassicac: 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.
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.
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.
Stonefruit: Apricots, Cherries, Nectarines	160 - 210 ml/100 litres water	Leaf Curl	Apply pre-bud swell. When disease pressure is high apply at 7 – 14 day intervals from pink to shuck fall.
Peaches, Plums		Blossom Blight, Brownrot, Rust	Apply at 7 – 14 day intervals from pink to shuck fall.

Crop	Rates	Disease	Critical Comments
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 spp.</i> , 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.

*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.

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.

