

SOUTHWELL AC® BROAD SPECTRUM FUNGICIDE + BIO-FILM DISRUPTER

SOUTHWELL AC® BROAD SPECTRUM FUNGICIDE

is Chlorine Dioxide in solution which acts by penetrating the cell wall of the target organism and disrupting its food supply. The triggering action for Chlorine Dioxide is the sugar-like substances that are an integral part of the target pathogen cell walls. It is accelerated in the presence of bacteria or organics which consist of sugar-like compounds and is effective over a **wide pH range (2-11)**.

Due to this mode of action, disease bearing organisms do not build up resistance to the product. The disinfection by-products are Chloride and Chlorite = **no withholding period with the product.**

Directions for Use: FIELD CROPS

- Rates recommended are for high volume spraying to the point of run-off (i.e. fill the spray tank with 99 litres of water and make up to 100 litres with **SOUTHWELL AC®** to get a mixture containing 10ppm or 0.01g/litre).
- When applying to wine grapes **SOUTHWELL AC®** is best used to eradicate disease and should be followed by industry standard protectant sprays.
- **For early to mid-season** – 5L per Ha.
For heavy infestation – 10L per Ha

Avoid Direct Sunlight

SOUTHWELL AC® is rapidly broken down under UV. For best results, apply late evening or during the night.

CAUTION

Avoid mixing with water with high iron content as iron may precipitate and cause foliar damage.

Avoid direct inhalation

Keep out of the reach of children

Store out of direct sunlight

Store below 30°C

It is an offence to use this product on animals

CROP	DISEASE	RATE	WITHOLDING	WHEN TO APPLY
Apples, Pears	Fire Blight	5-10L per Ha (1:50/1:100)	None	On detection as required
Grapes	Grey Mould (Botrytis)	5-10L per Ha (1:50/1:100)	None	On detection as required
Stone Fruit	Brown Rot	5-10L per Ha (1:50/1:100)	None	On detection as required
Kiwi Fruit	Botrytis	5-10L per Ha (1:50/1:100)	None	Sclerotinia control. At flowering as required
Tangelos	Alternaria Citri	5-10L per Ha (1:50/1:100)	None	Apply when last season's crop is harvested completely and on detection as required
Berry Fruit	Botrytis	5-10L per Ha (1:50/1:100)	None	On detection as from start of flowering
Asparagus	Stemphylium	20L per Ha (1:25)	None	On detection as required
Greenhouse Tomatoes	Botrytis	5-10L per Ha (1:50/1:100)	None	On detection as required
Fine Turf + Cotula	Fusarium Patch, Red Thread, Brown Patch, Dollar Spot, Helminthosporium, Leaf Blight, Curvularia	20L per Ha (1:25)	None	Apply as required when conditions favour disease
Flowers + Ornamentals	Botrytis Stemphylium Alternaria	5-10L per Ha (1:50/1:100)	None	On detection as required

Addition of a non-ionic wetter at recommended rates will improve coverage.
*Where the bunch line is 3750 linear metres at 2.7 metre spacing

Registered Pursuant to the ACVM Acts 1997, No. P007989.
ACVM registered as Southwell AC®.

Composition

Ingredient	Formula	Concentration	CAS No.
Chlorine Dioxide	ClO2	Contains a minimum of 1000ppm at point of manufacture	10049-04-4
Contains 1g. per litre of Chlorine Dioxide in aqueous solution			

Hazards Identification

- Not classified as hazardous according to NOHSC criteria.
- Not classified as a dangerous good by the criteria of the ADG code.

UN No. None allocated	Pkg Group. None allocated
DG Class. None allocated	Hazchem Code. None allocated
Subsidiary Risk. None allocated	EPG. None allocated

First Aid Measures

- AVOID direct inhalation.
- EYE: Flush with running water for 15 mins.
- INHALATION: If over exposure occurs, leave exposure area immediately. If irritation persists or breathing becomes laboured in any way, seek medical attention.
- INGESTION: DO NOT induce vomiting. Immediately wash out mouth with water, then give water to drink. Seek medical attention.
- ADVICE TO DOCTORS: Treat symptomatically.

Flamability

- Non-flammable. No fire or explosion hazard exists.

Manufactured and Distributed by

Sollys Freight, 98A Commercial Street, Tākaka

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Web: www.dx50.nz

BATCH NO:

EXPIRY DATE:



SOUTHWELL[®] **AC**

**BROAD SPECTRUM
FUNGICIDE**

BIO-FILM DISRUPTOR