



21 Willis Street, PO Box 1777, Dunedin, NEW ZEALAND; Phone: 64 3 477 6447

SAFETY DATA SHEET

1. Product and Company Identification

Product: **BOTRY-Zen®**

Active Ingredient: ***Ulocladium oudemansii***

Purpose: **Biological control agent for *Botrytis cinerea* and *Sclerotinia sclerotiorum* in horticultural and agricultural crops.
Pseudomonas syringae pv.actinidiae (Psa) in Kiwifruit**

License Classification: Approved by EPA (NZ) Approval Code HSR 101248
Registered pursuant to the ACVM Act 1997, P7212
Bio-Gro certification: 4405

Permitted Crops in NZ : Grapes (*Botrytis*), Blackcurrants (*Botrytis*), Kiwifruit (*Botrytis*, *Sclerotinia*, *Psa*), and ornamental flowers (*Botrytis*)

Enquiries: Botry-Zen (2010) Ltd
P O Box 1777, Dunedin, New Zealand
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Email: info@botryzen.co.nz

2. Description of Product

BOTRY-Zen® is a water dispersible granule containing naturally occurring, non-pathogenic fungal spores of *Ulocladium oudemansii*. **BOTRY-Zen®** is mixed with water and sprayed directly onto plants at risk from *Botrytis*, *Sclerotinia* infection or Psa infection

3. Hazard Identification

Designed for biocidal action.

4. First-Aid Measures

Eye contact: Wash out immediately with water. Seek medical advice.

Skin contact: Wash off thoroughly with disinfectant

5. Fire Fighting Measures

None

6. Accidental Release Measures

Wash area with 10% Bleach

7. Handling and Storage

Handling: No special handling procedures

Storage Conditions: Store in the original container in a cool dry place (<15°C).
Keep containers closed when not in use.

Validity: See expiry date on label.

8. Exposure Controls/Personal Protection

Operator: Wear a half-face mask at all times while handling this material.
Wear protective clothing of coveralls while spraying. Hands and arms should be carefully washed after spraying.

Special Care: Avoid inhalation of product dust or spray mist.

9. Physical and Chemical Properties

Form: Water Dispersible Granule
Colour: Black
Odour: Mushroom odour
Solubility: Readily dispersed into water
pH Value: ± 5.5 – 6.0

10. Stability and Reactivity

Stability: As per Section 7

Reactivity: Refer to compatibility sheet

11. Toxicology Information

Not toxic see other identification

12. Ecological Information

Not environmentally hazardous.
No phyto-pathological effects on plants and crops.

13. Disposal Considerations

Dispose unused or expired material by dilution with water and disposal to drain.

14. Transport Information

Classified by transport regulations as **Non-Hazardous**. Transported in sealed units.

15. Spillage Control

In the event of a spillage, dilute product with plenty of water and wash area with 10% bleach.

16. Regulatory Information

No classification, and labeling according to European Union.

17. Other Information

18. Restrictions for Use

Maximum application rate of 4.5 kg of active ingredient per hectare, with maximum of 8 applications and a minimum interval of 7 days. (EPA NZ).

19. Withholding period

Grapes: do not apply within 5 days of harvest

Kiwifruit: do not apply after fruit set

Black currants: do not apply later than flowering

Ornamental flowers: do not apply within 1 day of picking

Contact Person: Sonia Gillan	Issue: 11	Date: June 2023
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