



Concimi speciali
SAFETY DATA SHEET

According to
HSNO Hazardous Substances (Safety Data Sheets) Notice 2017

Section 1. Identification of the material and the supplier

Product: **Vistaseal**
Product Use: Pruning **wound protector**
Restriction of Use: Refer to Section 15

New Zealand Supplier: **Biolchim Concimi speciali**
Address: PO Box 5451
Mt Manganui 3150
Telephone: 027 272 0799

Telephone: +64 (0)275 420 441
Emergency No: 0800 764 766 (National Poison Centre)

Date of SDS Preparation: 30 March 2022 v2

Section 2. Hazards Identification

This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval No: HSR000519

Signal Word: **Warning**

GHS Classification and Category	Hazard Code	Hazard Statement
Hazardous to the aquatic environment chronic Cat. 3	H412	Harmful to aquatic life with long lasting effects.

Prevention Code	Prevention Statement
P103	Read label before use.
P273	Avoid release to the environment.

Response Code	Response Statement
None allocated	

Storage Code	Storage Statement
None allocated	Store in the original container tightly closed and in a locked dry, cool well ventilated area, away from foodstuffs. Avoid storage under cold/frost conditions. Do not store in freezing conditions as product will harden.

Disposal Code	Disposal Statement
P501	Dispose of at an approved landfill site according to Local Regulations or Authorities. Triple rinse container and bury in suitable landfill.

Section 3. Composition / Information on Hazardous Ingredients

Ingredients	Wt%	CAS NUMBER.
Tebuconazole	1%	107534-96-3
Mono propylene glycol	1-2	57-55-6
Butyl Oxitol (2-butoxyethanol)	1-2	111-76-2
Non hazardous	To bal	-

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes Rinse cautiously with water for 15 minutes. If eye irritation persists: Get medical advice.

If on Skin Wash with plenty of soap and water. If skin irritation occurs: get medical advice/attention.

If Swallowed Wash out mouth thoroughly with water. Never give anything to the mouth of an unconscious person. If vomiting occurs, place victim face downwards, with the head turned to the side and lower than the hips to prevent vomit entering the lungs. Seek medical attention if needed.

If Inhaled Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Apply artificial respiration if not breathing. Get medical advice if breathing becomes difficult.

Most important symptoms and effects, both acute and delayed

Symptoms: None known.

Section 5. Fire Fighting Measures

Hazard Type	Non combustible
Hazards from combustion products	Decomposes on heating to form oxides of carbon and toxic fumes.
Suitable Extinguishing media	If material is involved in a fire use fine water spray, normal foam or dry agent.
Precautions for firefighters and special protective clothing	Wear self-contained breathing apparatus. Prevent ruff off from entering drains or waterways.
HAZCHEM CODE	None Allocated

Section 6. Accidental Release Measures

Wear protective gear as detailed in Section 8. Evacuate all unnecessary personnel.

Washings must be prevented from entering surface water drains or waterways. Add absorbent and shovel into drums while wet. To clean floor and all objects contaminated by this material, use water and detergents before product hardens. Dispose of waste according to the applicable local and national regulations.

Section 7. Handling and Storage**Precautions for Handling:**

- Read label before use.
- Avoid release to the environment.

Precautions for Storage:

- Store away from incompatible materials listed in Section 10.

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³
Propane-1,2-diol [57-55-6] Vapour and particulates Particulates only	150	474		10
2-Butoxyethanol [111-76-2]	25	121		

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices NOV 2020 12TH EDITION.

Engineering Controls

Use in well ventilated areas.

Personal Protection Equipment

Eyes	Chemical goggles.
Hands	Rubber gloves.
Skin	Wear suitable protective clothing.
Respiratory	Not required.
General	When using do not eat, drink or smoke. Avoid contact with eyes and skin. Cleaning of working clothes/protective equipment with soap and water before product dries.

Section 9 Physical and Chemical Properties

Appearance	Liquid
Colour	Dark Grey
Odour	Weak odour
Odour Threshold	Not available
pH	6-8
Boiling/ Melting Point	>100°C
Freezing Point	Not available
Flash Point	Not available
Flammability	Not available
Upper and Lower Explosive Limits	Not available
Vapour Pressure	Not available
Vapour Density	Not available
Specific Gravity	~1.05 at 20°C
Water Solubility	Miscible
Partition Coefficient:	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Kinematic Viscosity	Not available

Particle Characteristics	Not available
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Section 10. Stability and Reactivity

Stability of Substance	This product is stable under normal conditions.
Possibility of hazardous reactions	Not available
Conditions to Avoid	Not available
Incompatible Materials	Not available
Hazardous Decomposition Products	Not available

Section 11 Toxicological Information

Acute Effects:

Swallowed	Not applicable.
Dermal	Not applicable.
Inhalation	Not applicable.
Eye	Not applicable.
Skin	Not applicable.

Chronic Effects:

Carcinogenicity	Not applicable.
Reproductive Toxicity	Not applicable.
Germ Cell Mutagenicity	Not applicable.
Aspiration	Not applicable.
STOT/SE	Not applicable.
STOT/RE	Not applicable.

Individual component information:

Acute Toxicity:

Chemical Name	Oral – LD50	Dermal – LD50	Inhalation – LC50
Ethanol, 2-butoxy- (111-76-2)	1414 mg/kg (guinea pig)	210-2000mg/kg (guinea pig)	2.174mg/l(Rat)
Tebuconazole (107534-96-3)	1615mg/kg (Mouse)	-	-

Section 12. Ecotoxicological Information

Harmful to aquatic life with long lasting effects.

Product:	
Persistence and degradability	No data available
Bioaccumulation	No data available
Mobility in Soil	No data available
Other adverse effects	No data available

Individual component information (Please refer to www.epa.govt.co.nz for full details): Tebuconazole (107534-96-3)

Route	Species	Duration	Value LC50/EC50
Acute aquatic, fish	Oncorhynchus mykiss Rainbow trout, donaldson trout	96 hr	4.4 mg/L
Chronic aquatic, fish	Rainbow trout (Oncorhynchus mykiss)	83 days	0.012 mg/L
Acute aquatic, Crustacean	Daphnia magna Water flea	48 hr	4.0mg/L

Chronic aquatic, Crustacean	Water flea (Daphnia magna)	21 days	0.12mg/l
Acute aquatic, Algal	Lemna gibba		0.1444 mg ai/l (Fron number)
Chronic aquatic, Algal	Macrocystis pyrifera (Giant kelp)	19 days	0.0102mg/l
Bioaccumulative	No		
Rapidly Degradable	No		

Do not allow to enter waterways.

Section 13. Disposal Considerations

Disposal Method:

Triple rinse empty container with water and empty contents . Destroy the empty container by puncturing and crushing. Dispose of destroyed container by taking to an approved council disposal site or alternatively bury under at least 50cm of soil in a location away from houses, crops, stock, stock watering places, water supply and ground water.

Precautions or methods to avoid: Avoid release to the environment.

Section 14 Transport Information

This product is NOT classified as a Dangerous Good for transport in NZ ; NZS 5433:2012

Section 15 Regulatory Information

This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval Code: HSR000519

GHS Classification: Hazardous to the aquatic environment chronic Cat. 3

HSW (HS) Regulations 2017 and EPA Notices	Trigger Quantity
Certified Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	1000L
Emergency Response Plan	1000L
Secondary Containment	1000L
Restriction of Use	Only use for the intended purpose.

Section 16 Other Information

Glossary

Cat	Category
EC ₅₀	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC ₅₀	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD ₅₀	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level

References:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Nov 2020 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2012
5. HSW (Hazardous Substances) Regulations 2017

Disclaimer

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Please contact the New Zealand distributor, if further information is required.

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