

SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: WUXAL[®] Ascofol Zn
 Product Use: Fertiliser, preparation for plant nutrition

New Zealand Supplier: Horticulture Ltd
 Address: 10 Firth Street
 Drury 2113

Telephone: +64 9 294 8453
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New Zealand: **0800 764 766 (National Poison Centre)**

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Section 2. Hazards Identification

The manufacturer has stated that this substance is NOT hazardous according to the HSNO (Minimum Degrees of Hazard) Regulations 2001

Section 3. Composition / Information on Ingredients

Ingredients	Wt%	CAS NUMBER.
Non hazardous ingredients	100	Proprietary

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes: Rinse cautiously with water for several 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: Immediately rinse the mouth with water, then drink a lot of water. Consult the doctor in case of persistent trouble.

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. Get medical advice if breathing becomes difficult.

Section 5. Fire Fighting Measures

Hazard Type	Non Flammable Liquid
Hazards from decomposition products	Ambient fire may liberate hazardous vapours. If larger quantities of the product are on fire, the formation of nitrous gases, and ammonia is possible.
Suitable Extinguishing media	Water, carbon dioxide, dry extinguishing media, foam

Precautions for firefighters and special protective clothing	Do not stay in dangerous zone without suitable protecting clothes and self-contained breathing apparatus.
HAZCHEM CODE	None allocated

Section 6. Accidental Release Measures

Avoid substance contact, don't inhale vapours. Wear closed working clothes, protecting glasses and hand protection and in case of vapours respiratory protection. Evacuate area.

Take up with absorption media. Disposal of contaminated material as waste according to Local Regulations.

Section 7. Handling and Storage
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Handling

- Read label before use.
- Do not breathe fumes, vapours or spray.
- Wear protective clothing.

Storage

- Temperature not below +5 °C and above +35 °C.
- Protect the product from impurity and drying up.
- Keep containers tightly closed.

Section 8 Exposure Controls / Personal Protection
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Engineering Controls

Not applicable. Product is diluted and sprayed in a wide dispersive manner.

Personal Protection

Eyes: Avoid contact with eyes. Do not spray near eyes. Use safety glasses and or chemical splash goggles if splashes are possible. Avoid wearing contact lenses.

Skin: Skin-protective barrier cream and closed working clothes.

Hand:	In full contact:	Glove material:	nitrile rubber
		Layer thickness:	0.11 mm
		Breakthrough time:	> 480 Min.
	In splash contact:	Glove material:	nitrile rubber
		Layer thickness:	0.11 mm
		Breakthrough time:	> 480 Min.

Respiratory: Required when vapours/aerosols are generated. Filter P 2 (acc. to DIN 3181) for solid and liquid particles of harmful substances.

Section 9 Physical and Chemical Properties

Appearance	Aqueous crystal suspension
Colour	Green
Odour	Product specific
pH(original state)	Approx. 6.4
pH at 10 g/l H₂O and 20° C:	Approx. 7

Change in physical state:	> 100° C evaporation of water
Self ignition	The product is not flammable.
Density (at 20°C)	approx. 1,27g/cm ³
Specific Gravity	0.9 – 1.1 g/cm ³
Solubility in Water (at 20°C)	Approx. 200g/l

Section 10. Stability and Reactivity

Stability of Substance	Stable
Conditions to Avoid	Temperatures above +35° C. Keep the product from drying up.
Incompatible Materials	Alkalis.
Hazardous Decomposition Products	Reacts with alkalis setting ammonia free. If larger quantities of the product are on fire, the formation of nitrous gases and ammonia is possible.

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.

Section 12. Ecotoxicological Information

This product is not hazardous to the environment.

Section 13. Disposal Considerations

Triple rinse container and add rinsate to spray tank.
Cleaned packaging maybe offered for recycling or landfill in accordance with local regulations.

Section 14 Transport Information

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

Section 15 Regulatory Information

The manufacturer has stated that this substance is NOT hazardous according to the HSNO (Minimum Degrees of Hazard) Regulations 2001

Section 16 Other Information

1. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.

Disclaimer

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

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