

SAFETY DATA SHEET

Section 1.	Identification of the material and the supplier
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Product:	AZOLON [®] 39N
Product No:	Short,Medium,Long
Product Use:	Plant nutrition, fertiliser.
New Zealand Supplier:	Horticulture Ltd
Address:	10 Firth Street Drury 2113
Telephone:	+64 9 294 8453
Fax Number:	+64 9 294 7272
New Zealand:	0800 764 766 (National Poison Centre)
Date of SDS Preparation:	4 August 2014

Section 2.	Hazards Identification
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The manufacturer has stated that this substance is NON hazardous according to the HSNO (Minimum Degrees of Hazard) Regulations 2001

Section 3.	Composition / Information on Ingredients
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No hazardous product as specified in Directive 67/548/EEC.

Section 4.	First Aid Measures
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Routes of Exposure:

If in Eyes	Rinse cautiously with water for several minutes. If eye irritation occurs: Get medical advice.
If on Skin	Wash with plenty of soap and water. If skin irritation occurs: get medical advice.
If Swallowed	Immediately rinse the mouth with water, then drink a lot of water. Consult the doctor in case of persistent trouble. Get medical assistance if you feel unwell.
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
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Hazard Type	Non Flammable
Hazards from decomposition	The material itself is harmless and hardly inflammable. Ambient fire may liberate hazardous vapours. If larger quantities of the product are

products	on fire, the formation of nitrous gases, ammonia and aldehyde 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 chemical protecting clothes and self contained breathing apparatus. Contain escaping vapours with water.
HAZCHEM CODE	None allocated

Section 6. Accidental Release Measures

Avoid generation of dusts, do not inhale dusts. Avoid substance contact. Wear closed working clothes, and in case of dust wear protecting glasses and hand protection. Remove soiled clothes.

Take up the product mechanically. Sweep or vacuum material when possible and shovel into a waste container. Disposal of contaminated material as waste according to section 13.

Ensure that the product does not reach the ground-water, water bodies or the drainage system.

Section 7. Handling and Storage

Handling

- Wear protective clothing.
- Avoid formation of dust. Use only in well ventilated areas.

Storage

- Protect the product from impurity or sunlight.
- Temperature not below 0°C and above +40°C
- Do not store in metal containers (corrosion risk).
- Keep containers tightly closed and store in a cool dry place.
- Do not store together with food and luxury food, beverage and animal feed.

Section 8 Exposure Controls / Personal Protection

Engineering Controls

Not applicable. Ensure adequate ventilation is available to reduce exposure

Personal Protection

Eyes: In case of dust wear safety glasses with side shields or goggles.

Skin: Closed working clothes.

Hand: Chemical resistance rubber or plastic gloves.

Respiratory: Not required. Respiratory protection necessary at dust formation.

Industrial Hygiene Do not eat and drink at work. Remove immediately soiled and soaked clothes. Wash hands and face after work.

Section 9 Physical and Chemical Properties

Appearance

Solid (Powder/Granules)

Colour	White or Blue
Odour	Product specific
pH(original state):	Approx 7
pH at 16 g/l H₂O and 20° C:	Approx 7
Change in physical state:	> 150° C decomposition.
Self ignition	The product is not spontaneously inflammable
Density (at 20°C)	Approx. 1 g/cm ³
Solubility in water (at 20°C):	Partly soluble

Section 10. Stability and Reactivity

Stability of Substance	The product is stable under normal conditions.
Conditions to Avoid	Temperatures above +40° C.
Incompatible Materials	Alkalis.
Hazardous Decomposition Products	No decomposition if correctly used. Reacts with alkalis setting ammonia free.
Thermic Decomposition	If larger quantities of the product are on fire, the formation of nitrous gases, ammonia and aldehydes is possible.

Section 11 Toxicological Information

Toxicological tests

Acute toxicity:

Oral for this product = LD₅₀ (oral): =>5000mg/kg = Non Hazardous

Further toxicological information

After inhalation of aerosols:	Slight irritations of the mucous membranes and coughing. Acute inhalation of respirable dust may cause irritation of the upper respiratory tract and lungs.
After skin contact:	Slight irritations.
After eye contact:	Slight irritations.
After uptake of large quantities:	Diarrhoea and disturbed electrolyte balance.

Section 12. Ecotoxicological Information

This product is not known to be hazardous to the environment.

Depending on the concentration, phosphorus and/or nitrogen compounds may contribute to the eutrophication of drinking- water supplies.

Section 13. Disposal Considerations

Dispose of according to 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 NON hazardous according to the HSNO (Minimum Degrees of Hazard) Regulations 2001

Section 16	Other Information
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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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