

## SAFETY DATA SHEET

### Section 1. Identification of the material and the supplier

Product: **Aquasorb**  
 Item Code:  
 Product Use: Absorb water and retaining water  
 Restriction of Use: Refer to Section 15

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: 9 November 2022 v2

### Section 2. Hazards Identification

**This substance is NOT hazardous according to the EPA Hazardous Substances (Classification) Notice 2020**

### Section 3. Composition / Information on Ingredients

Ingredients	Wt%	CAS NUMBER.
Polyacrylic acid, potassium salt	96	25608-12-2
Water	4	7732-18-5

### 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 Rinse mouth. Drink plenty of 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. Get medical advice if breathing becomes difficult.

## Most important symptoms and effects, both acute and delayed

Symptoms: None known.

### Section 5. Fire Fighting Measures

<b>Hazard Type</b>	Non Flammable
<b>Hazards from combustion products</b>	None known.
<b>Suitable Extinguishing media</b>	Use firefighting measures that suit the environment.
<b>Precautions for firefighters and special protective clothing</b>	Wear fully protective suit. Mouth respiratory protective device.
<b>HAZCHEM CODE</b>	<b>None Allocated</b>

### Section 6. Accidental Release Measures

Wear protective equipment as detailed in Section 8. Clear area of any unprotected personnel. Ensure adequate ventilation. Keep away from ignition sources. Avoid formation of dust. Use respiratory protective device against the effects of fumes/dust/aerosol. Avoid contact with eyes, skin and dust.

Use mechanical handling equipment for cleanup.

Do not empty into drains. Retain and dispose of contaminated wash water.

### Section 7. Handling and Storage

#### Precautions for Handling:

- Ensure good ventilation/exhaustion at the workplace.
- Keep receptacles tightly sealed.
- Keep away from heat and direct sunlight.
- Prevent formation of dust.
- Avoid contact with eyes.

#### Precautions for Storage:

- Store in a cool location.
- Store only in the original receptacle and tightly sealed.
- Store away from foodstuffs.
- Store away from flammable substances.
- Store away from oxidizing agents.

### Section 8 Exposure Controls / Personal Protection

#### Engineering Controls

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

#### Personal Protection

<b>Eyes</b>	Wear safety glasses.
<b>Hands and Skin</b>	The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
<b>Respiratory</b>	Suitable respiratory protective device recommended.

### Section 9 Physical and Chemical Properties

Product Name: Aquasorb  
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SDS Prepared by: Technical Compliance Consultants (NZ) Ltd  
Tel: 64 9 475 5240 www.techcomp.co.nz

<b>Appearance</b>	White Powder
<b>Odour</b>	Odourless
<b>Odour Threshold</b>	Not available
<b>pH</b>	Not available
<b>Boiling Point</b>	Not available
<b>Melting Point</b>	Not available
<b>Freezing Point</b>	Not available
<b>Flash Point</b>	Not available
<b>Flammability</b>	Not available
<b>Upper and Lower Explosive Limits</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Vapour Density</b>	Not available
<b>Bulk Density</b>	Not available
<b>Solubilities</b>	Not available
<b>Partition Coefficient:</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Kinematic Viscosity</b>	Not available
<b>Particle Characteristics</b>	Not available

### Section 10. Stability and Reactivity

<b>Stability of Substance</b>	This product is stable under normal conditions.
<b>Conditions to Avoid</b>	None known.
<b>Incompatible Materials</b>	No data available.
<b>Hazardous Decomposition Products</b>	None known.

### Section 11 Toxicological Information

#### Acute Effects:

<b>Swallowed</b>	Not applicable.
<b>Dermal</b>	Not applicable.
<b>Inhalation</b>	Not applicable.
<b>Eye</b>	Irritating effect possible.
<b>Skin</b>	Irritating effect possible.

#### Chronic Effects:

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

### Section 12. Ecotoxicological Information

This product is not hazardous to the environment.

<b>Persistence and degradability</b>	No data available
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<b>Bioaccumulation</b>	No data available
<b>Mobility in Soil</b>	No data available
<b>Other adverse effects</b>	No data available

### Section 13. Disposal Considerations

**Disposal Method:** Must not be disposed with household garbage.

**Precautions and methods to avoid:** None known.

### Section 14 Transport Information

**This product is NOT classified as a Dangerous Good for transport in NZ ; NZS 5433:2020**

### Section 15 Regulatory Information

**This substance is NOT hazardous according to the EPA Hazardous Substances (Classification) Notice 2020**

### Section 16 Other Information

#### Glossary

Cat	Category
EC <sub>50</sub>	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
LC <sub>50</sub>	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD <sub>50</sub>	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
WES	Workplace Exposure Limit

#### References:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Nov 2022 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2020
5. HSW (Hazardous Substances) Regulations 2017

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

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