

## SAFETY DATA SHEET

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

Product: WUXAL<sup>®</sup> Molybdenum  
 Product No: P92478  
 Product Use: Fertilizer  
 Restrictions 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: 8 February 2017

### Section 2. Hazards Identification

**The manufacturer has stated that this substance is hazardous according to the *HSNO (Minimum Degrees of Hazard) Regulations 2001***

**Group Standard & EPA Approval Code: Fertilisers (subsidiary) – HSR002571**

#### Pictograms



Irritant

Signal Word: **WARNING**

HSNO Class.	Hazard Code	Hazard Statement	GHS Category
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6.1E	H303	May be harmful if swallowed.	Category 5
6.3A	H315	Causes skin irritation.	Category 2
6.4A	H319	Causes serious eye irritation.	Category 2A

Prevention Code	Prevention Statement
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P102	Keep out of reach of children.
P103	Read label before use.
P264	Wash hands thoroughly after handling.
P280	Wear protective clothing.

Response Code	Response Statement
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P101	If medical advice is needed, have product container or label at hand.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.

P362	Take off contaminated clothing and wash before re-use.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332 + P313	If skin irritation occurs: Get medical advice/ attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.

**Storage Code                      Storage Statement**

None allocated	
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**Disposal Code                      Disposal Statement**

P501	Triple rinse container. Cleaned packaging maybe offered for recycling or landfill in accordance with local regulations. Dispose of unwanted product as a hazardous material according to Local Regulations.
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**Section 3.                      Composition / Information on Ingredients**

<b>Ingredients</b>	<b>Wt%</b>	<b>CAS NUMBER.</b>
Phosphoric acid, orthophosphoric acid	10-<15	7664-38-2

**Section 4.                      First Aid Measures**

Routes of Exposure:

If in Eyes	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Apply continuous irrigation with water for at least 15 minutes holding eyelids apart. If eye irritation persists: Get medical advice.
If on Skin	Wash with plenty of soap and water. Take off contaminated clothing and wash before re-use. If skin irritation occurs: get medical advice/attention.
If Swallowed	Immediately rinse the mouth with 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**

<b>Hazard Type</b>	Non Flammable
<b>Hazards from combustion products</b>	Phosphorus oxides
<b>Suitable Extinguishing media</b>	The product itself does not burn. Water spray jet, water mist, carbon dioxide and powder. Do not use a strong water jet.
<b>Precautions for firefighters and special protective clothing</b>	Wear self-contained breathing apparatus. Do not allow water used to extinguish fire to enter drains, ground o waterways. Treat runoff as hazardous.
<b>HAZCHEM CODE</b>	<b>None allocated</b>

**Section 6.                      Accidental Release Measures**

Provide adequate ventilation. Wear appropriate PPE as detailed in Section 8.

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculite, diatomaceous earth) and collect for disposal in appropriate containers in accordance with the local regulations (see Section 13).

Do not allow to enter into surface water or drains.

## Section 7. Handling and Storage

### Handling

- Keep out of reach of children.
- Read label before use.
- Wash hands thoroughly after handling.
- Avoid contact with skin, eyes and clothes.
- When using do not eat, drink or smoke.
- Wear protective clothing as detailed in Section 8.

### Storage

- Protect from heat and direct sunlight.
- Always keep in containers that correspond to the material of the original container.
- Keep containers tightly closed.
- Do not store together with: Food and feeding stuffs.
- Take care of instructions on label.
- Store in a well-ventilated and dry room at temperatures between 5 °C and 40 °C.
- Store carefully closed containers upright to prevent any leaks.

## Section 8 Exposure Controls / Personal Protection

phosphoric acid, orthophosphoric acid CAS No. 7664-38-2

WEL, TWA: 1 mg/m<sup>3</sup>

WEL, STEL: 2 mg/m<sup>3</sup>

### Engineering Controls

Technical measures and the application of suitable work processes have priority over personal protection equipment. No additional measures necessary.

<b>Eyes</b>	Wear goggles with side shields. Avoid wearing contact lenses.
<b>Hands and Skin</b>	For prolonged or repeated handling the following glove material must be used: e.g. NBR (Nitrile rubber). Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.
<b>Respiratory</b>	Usually no personal respiratory protection necessary.
<b>General</b>	Immediately change contaminated clothing. Apply skin-protective barrier cream. Wash hands and face after working with substance.

## Section 9 Physical and Chemical Properties

<b>Appearance</b>	Yellow Liquid
<b>Odour</b>	Characteristic
<b>Odour Threshold</b>	Not available
<b>pH @ 20°C</b>	3.00
<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 applicable
<b>Upper and Lower</b>	Not available

<b>Explosive Limits</b>	
<b>Vapour Pressure</b>	Not available
<b>Density @ 20°C</b>	1.20 g/cm <sup>3</sup>
<b>Relative Density</b>	Not available
<b>Solubilities</b>	Very soluble
<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 applicable

### Section 10. Stability and Reactivity

<b>Stability of Substance</b>	This product is stable under normal conditions.
<b>Conditions to Avoid</b>	Protect from heat and direct sunlight.
<b>Incompatible Materials</b>	Alkali (lye)
<b>Hazardous Decomposition Products</b>	Hazardous decomposition byproducts may form with exposure to high temperatures: Phosphorus oxides

### Section 11 Toxicological Information

#### Acute Effects:

<b>Swallowed</b>	May be harmful if swallowed.
<b>Dermal</b>	Not applicable.
<b>Inhalation</b>	Not applicable.
<b>Eye</b>	Causes severe irritation to eyes.
<b>Skin</b>	Causes skin irritation

#### 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
<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:** This material and its container must be disposed of in a safe way. Waste disposal according to local regulations, covering waste and dangerous waste.

**Precautions:** Non-contaminated packages may be recycled. Vessels not properly emptied are special waste.

**Disposal methods to avoid:** Do not allow to enter into surface water or drains where possible.

## Section 14 Transport Information

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

## Section 15 Regulatory Information

EPA Approval Code: Fertilisers (subsidiary) – HSR002571

HSNO Classification: 6.1E(oral), 6.3A, 6.4A

HSNO Controls:

Trigger quantities for this substance:

	Trigger Quantity
Approved Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not applicable
Signage Trigger Quantities	Not applicable
Emergency Response Plan trigger Quantities	Not applicable
Restrictions of use	None

## Section 16 Other Information

### Glossary

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

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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