

## Bud-Wiser™

### Section 1: Identification of the Substance or Mixture and of the Supplier

<b>Product name</b>	Bud-Wiser
<b>Recommended use</b>	Foliar Fertiliser
<b>Company details</b>	Grochem (AgriNova New Zealand Limited) 15 Sunlight Grove Porirua New Zealand
<b>Telephone</b>	+64 4 237 0905
<b>Email</b>	grochem@grochem.com
<b>Emergency telephone</b>	New Zealand 0800 CHEMCALL – 24 hours (0800 243 6225)  Australia 1800 127 406 Other locations +64 4 917 9888  or The National Poisons Centre 0800 POISON (0800 764 766)
<b>Date of preparation</b>	06 April 2016

### Section 2: Hazards Identification

<b>Hazard classification (Transport):</b>	Class 9 - Miscellaneous Dangerous Goods.
<b>Hazardous substances (HSNO):</b>	6.3B (WARNING: Causes mild skin irritation) 6.8B (WARNING: Suspected of damaging fertility or the unborn child) 6.9B (WARNING: May cause damage to blood system through prolonged or repeated exposure) 8.3A (DANGER: Causes serious eye damage) 9.1B (Toxic to aquatic life with long lasting effects)



### Section 3: Composition/Information on Ingredients

<b>Classification &amp; type:</b>		
<b>Material</b>	<b>CAS No.</b>	<b>Proportion (%w)</b>
Boric Acid	10043-35-3	25-28
Zinc Sulphate	7446-19-7	5-8
Non-Hazardous components		to 100%

## Section 4: First Aid Measures

<b>Symptoms of exposure</b>	No adverse health effects expected if the product is handled in accordance with this SDS and the product label. Symptoms that may arise if the product is mishandled are:
If Swallowed	May cause mouth, throat and gastrointestinal irritation.
If in Eyes	Causes serious eye damage.
If on Skin	Contact with skin may result in moderate irritation.
If Inhaled	Inhalation of dust or mist may result in respiratory irritation.
Chronic effects	Prolonged contact may result in dermatitis, gastrointestinal irritation and kidney damage.
<b>First aid actions:</b>	If exposed, concerned or if symptoms persist, get medical advice/attention. If medical advice is needed, have product container or label at hand.
If Swallowed	Rinse mouth. Call a POISON CENTRE or doctor if you feel unwell. Do NOT induce vomiting.
If in Eyes	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE or doctor/physician.
If on Skin	Wash with plenty of soap and water.
If Inhaled	Remove to fresh air and keep at rest in a position comfortable for breathing.
<b>Workplace facilities:</b>	Eyewash.
<b>Notes for medical personnel:</b>	Treat symptomatically.

## Section 5: Fire Fighting Measures

<b>Type of hazard</b>	Not a fire hazard.
<b>HAZCHEM code:</b>	2X
<b>Combustion products:</b>	Not known.
<b>Extinguishing media &amp; methods:</b>	Use methods appropriate to combustible material involved. Fertiliser is soluble in water. Waste water should be contained and collected.
<b>Recommended protective clothing:</b>	Fire fighters to wear self-contained breathing apparatus.

## Section 6: Accidental Release Measures

<b>Personal protection</b>	See Section 8.3 for appropriate PPE.
<b>Containment and clean up:</b>	Contain and collect spillage. Dispose of contaminated material at an approved landfill or use as prescribed on the label.
<b>Special requirements:</b>	See Section 13 for instructions for the disposal of waste/contaminated material.

## Section 7: Handling and Storage

<b>Subsection 1</b>	<b>Handling</b>
Handling practices	Wear appropriate PPE as detailed in Section 8.3. Do not handle until all safety precautions have been read and understood. Do not breathe dust or spray. Keep out of reach of children. Read label before use.
<b>Subsection 2</b>	<b>Storage</b>
Site requirements	Store locked up in a cool dry place away from foodstuffs.

## Section 8: Exposure Controls/Personal Protection

<b>Subsection 1:</b>	<b>Workplace Exposure Guidelines (may also be considered in section 2)</b>
Workplace exposure standards	No exposure standards have been set for this substance.
<b>Subsection 2:</b>	<b>Engineering Controls</b>
Exposure control measures	Use only outdoors or in a well-ventilated area. Avoid generating and inhaling dust. Use local exhaust ventilation or while wearing dust respirator.
<b>Subsection 3:</b>	<b>Personal Protective Equipment (PPE)</b>
Detail specifications for equipment	Wear eye/face protection, gloves and protective clothing.
General hygiene	Do not eat, drink or smoke while using this product. Wash contaminated clothing before reuse. Wash hands thoroughly after handling.

## Section 9: Physical and Chemical Properties

<b>Appearance</b>	Off white powder	<b>pH</b>	Typical ~4.5 in solution
<b>Odour</b>	Distinctive	<b>Boiling point (degC)</b>	N/A
<b>Specific gravity (kg/L)</b>	Not available	<b>Freezing point (degC)</b>	N/A
<b>Solubility</b>	Soluble in water	<b>Flashpoint (degC)</b>	Not flammable

## Section 10: Stability and Reactivity

<b>Stability of substance</b>	Generally stable.
<b>Conditions to avoid:</b>	No specific conditions to be noted.
<b>Material to avoid:</b>	No specific materials noted.
<b>Hazardous decomposition products:</b>	Not known.
<b>Hazardous polymerization:</b>	Will not occur.

## Section 11: Toxicological Information

<b>Data and Interpretation</b>	Calculated Oral LD50 >5000mg/kg. See Section 2 for general hazard information.
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## Section 12: Ecological Information

<b>Potential environmental interactions</b>	9.1B (Toxic to aquatic life with long lasting effects).  Designed as a fertiliser to aid plant growth. Concentrated or excessive release is likely to have a detrimental effect on the environment.
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## Section 13: Disposal Considerations

<b>Product disposal</b>	Dispose of only by using in accordance with the label instructions or at an approved landfill.
<b>Container disposal:</b>	Render packaging incapable of holding product and dispose of at an approved landfill.

#### Section 14: Transport Information

<b>UN number:</b>	3077
<b>DG Class and Subsidiary Group:</b>	Class 9
<b>Proper shipping name:</b>	Environmentally Hazardous Substance, Solid, N.O.S.
<b>Packing group:</b>	III
<b>HAZCHEM code:</b>	2X
<b>Special precautions:</b>	Do not carry more than 10kg on a passenger service vehicle.

#### Section 15: Regulatory Information

<b>Regulatory status</b>	Approved Pursuant to the HSNO Act 1996, under the Fertilisers (Subsidiary Hazard) Group Standard (HSR002571). See <a href="http://www.epa.govt.nz">www.epa.govt.nz</a> for approval conditions.
<b>Trigger quantities:</b>	Locations holding more than these quantities must adhere to the relevant requirements:
SDS must be available for	Any quantity
Signage	1000kg
Emergency response plan	1000kg

#### Section 16: Other Information

<b>Revision due:</b>	06 April 2021
<b>Additional information:</b>	Directions for use are found on the product label.

**Glossary:**

ACVM	Agricultural Compounds and Veterinary Medicines (in relation to Group or Act 1997)
CAS	Chemical Abstract Services Number, used to uniquely identify chemical compounds
HSNO	Hazardous Substances and New Organisms (legislation 1996)
LD50	Lethal Dose fatal to 50% of test animals/organisms
PPE	Personal Protective Equipment

This SDS summarises our best knowledge of the health and safety hazard information available for this product and how to safely handle and use it. Since the use of this information and the conditions of the use of this product are not under the control of Grochem, it is the user's responsibility to determine conditions of safe use of the product.