

Vernado Group Ltd

Safety Data Sheet

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

Product name **GibBoost**

Recommended use: Plant Growth Regulator

Company details: Vernado Group Ltd

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 Levin 5540
 New Zealand

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Emergency telephone number:
 New Zealand
 The National Poisons Centre
 0800 POISON
 (0800 764 766)

Date of preparation 18 January 2018

Section 2: Hazards Identification

Hazard classification

Dangerous Goods Not a dangerous good for transport

Hazardous Substances 6.4A (Warning: causes eye irritation) (HSNO)

Section 3: Composition/Information on Ingredients

Classification and type: Pure substance		
Material	CAS No.	Proportion (%w)
Gibberellic Acid	77-06-5	90
Non-hazardous components		To 100

Section 4: First Aid Measures

Symptoms of exposure

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: Swallowing can result in irritation of the digestive tract.

If in Eye: Eye irritation.

If on Skin: Contact with skin will result in moderate irritation.

If Inhaled: Inhalation of mist may result in respiratory irritation.

First aid actions

If Swallowed: Rinse mouth with water. Seek medical advice.

If in Eye: Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids to be held open. Seek medical advice.

If on Skin: Immediately wash contaminated skin with plenty of water. If swelling, redness, blistering, or irritation occurs seek medical advice.

If inhaled: Remove victim from exposure – avoid becoming a casualty. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Workplace facilities Eyewash.

Notes for medical personnel

Treat symptomatically

Section 5: Fire Fighting Measures

Type of Hazard Burns only at elevated temperatures.

HAZCHEM Code: Not allocated

Combustion products: Not known – toxic decomposition products.

Extinguishing media & methods

Use media appropriate to surrounding materials.

Recommended protective clothing

Firefighters should wear self-contained breathing apparatus.

Section 6: Accidental Release Measures

Personal protection See Section 8.3 for appropriate PPE. Avoid skin and eye contact.

Containment and clean up

Moisten to prevent dusting and sweep up. Dispose of in a suitable landfill. Wash area down well.

Special requirements: See Section 13 for instructions for the disposal of waste/contaminated material.

Section 7: Handling and Storage

Subsection 1: Handling

Handling practices Wear appropriate PPE as detailed in Section 8.3.
 Wear protective equipment to prevent skin and eye contamination

Subsection 2: Storage

Site requirements Store in a cool, dry place, Keep container closed when not in use.

Packaging No special requirements. Original packaging is preferred

Section 8: Exposure Controls/Personal Protection

Subsection 1: Workplace Exposure Guidelines (may also be considered in section 2)

Workplace exposure standards
 No exposure standards have been assigned.

Subsection 2: Engineering Controls

Exposure control measures
 Use in well ventilated area. Avoid generating and inhaling mists. Use with local
 exhaust
 ventilation or while wearing respirator or air-supplied mask.

Subsection 3: Personal Protective Equipment (PPE)

Detail specifications for equipment
 Avoid skin and eye contact and inhalation of spray mist. Wear overalls, chemical
 goggles and impervious gloves.

General hygiene Always wash hands before smoking, eating, drinking or using the toilet.

Section 9: Physical and Chemical Properties
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Appearance	White powder	pH	4 – 6
Odour	None	Boiling point (degC)	Not available
Specific Gravity (kg/L)	Not available	Freezing point (degC)	223-225°C
Solubility	5g/L in water	Flammability Information	Not available
Vapour density	Not available	Flashpoint (degC)	Not available
Vapour pressure	Not available		

Section 10: Stability and Reactivity

Stability of substance	Stable
Conditions to avoid	None known
Material to avoid	None known
Hazardous decomposition products	None known
Hazardous polymerization	Will not occur

Section 11: Toxicological Information
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Data and interpretation:	LD50 Oral (rat): 6300 mg/kg
	LD50 Dermal (Rabbit) >2000 mg/kg
	See Section 2 for general hazard information.

Section 12 Ecological Information
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Potential Environmental Interactions	Compound acts as a plant growth regulator. The effect on non-target species is Unknown but not expected to be significant
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Section 13: Disposal Considerations
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Product disposal	Use as directed. Disposal at the local landfill is normally acceptable.
Container disposal	Rinse thoroughly into the spray tank and dispose of at a local landfill.

Section 14: Transport Information
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UN Number	Not allocated	DG Class and Subsidiary Group	Not applicable
Proper Shipping Name	Not applicable	Packing group	Not applicable
		HAZCHEM Code	Not allocated
Special precautions	Do not carry more than 3 kg on a passenger service vehicle.		

Section 15: Regulatory Information

Regulatory status	Registered pursuant to the ACVM Act 1997 No: See www.nzfsa.govt.nz/acvm/ for registration conditions.		
	Approved Pursuant to the HSNO Act 1996 See www.ermanz.govt.nz for approval conditions		
HSNO Controls	Trigger quantities for this substance: SDS must be available for: 50 kg		

Revision due	18 September 2018		
Additional information	Direction 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 MSDS 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 Pennell Enterprises, it is the user's responsibility to determine conditions of safe use of the product.