

Gib-47™

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

Product name:	Gib-47
Recommended use:	Plant growth regulator
Company details:	Grochem (AgriNova New Zealand Limited) 15 Sunlight Grove Porirua New Zealand
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Emergency telephone:	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)
Date of preparation:	29 August 2017

Section 2: Hazards Identification

Hazard classification (Transport):	Not a dangerous good for transport.
Hazardous substances (HSNO):	Not classified as a hazardous substance under the HSNO Act 1996.

Section 3: Composition/Information on Ingredients

Classification & type: Mixture

Material	CAS No.	Proportion (%w)
Gibberellic Acid GA 4	468-44-0	1
Gibberellic Acid GA 7	510-75-8	1
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	No significant signs or symptoms indicative of any health hazard are expected to occur as a result of ingestion.
If in Eyes	May cause minor eye irritation.
If on Skin	No significant signs or symptoms indicative of any adverse health hazard are expected to occur as a result of skin exposure.
If Inhaled	No significant signs or symptoms indicative of any health hazard are expected to occur as a result of inhalation exposure.
First aid actions:	
If Swallowed	If large quantity is swallowed, give lukewarm water (1/2 litre) if victim is completely conscious/alert. Obtain medical attention.
If in Eyes	Rinse cautiously with water for several minutes, Remove contact lenses if present and easy to do so. Continue rinsing.
If on Skin (or Hair)	Wash with soap and water.
If Inhaled	Remove victim to fresh air. Obtain medical attention if symptoms persist.
Workplace facilities:	Eyewash and safety shower
Notes for medical personnel:	Treat symptomatically.

Section 5: Fire Fighting Measures

Type of Hazard:	Combustible material. Heat from fire can generate flammable vapour. When mixed with air and exposed to ignition source, vapours can burn in open or explode if confined. Vapours may travel long distances along ground before igniting and flashing back to vapour source.
HAZCHEM code:	Not allocated.
Combustion products:	Not known – decomposition fumes are toxic.
Extinguishing media & methods:	In case of fire use water fog, alcohol foam, carbon dioxide or dry chemical to extinguish as appropriate.
Recommended protective clothing:	Fire fighters should wear positive pressure self-contained breathing apparatus. Cool containers with water spray.

Section 6: Accidental Release Measures

Personal protection:	See Section 8.3 for appropriate PPE.
Containment and clean up:	Absorb spillage with sawdust or other absorbent material. Rinse area with water and absorb rinsate.
Special requirements:	See Section 13 for instructions for the disposal of waste/contaminated material.

Section 7: Handling and Storage

Subsection 1:	Handling
Handling practices	Do not smoke or drink when handling this product. Wear appropriate PPE as detailed in Section 8.3. Avoid breathing spray mist. Avoid skin and eye contact.
Subsection 2:	Storage
Site requirements	Store in a cool location away from foodstuffs. Avoid all sources of ignition.
Packaging	No special requirements.

Section 8: Exposure Controls/Personal Protection

Subsection 1:	Workplace Exposure Guidelines (may also be considered in section 2)
Workplace exposure standards	No exposure limits are set for this substance.
Subsection 2:	Engineering Controls
Exposure control measures	Use only in a well ventilated area.
Subsection 3:	Personal Protective Equipment (PPE)
Detail specifications for equipment	Wear gloves and avoid skin contact. Wear a spray mask if required. Avoid breathing mist or spray.
General hygiene	Always wash hands before meals or after work. Never smoke while handling this product.

Section 9: Physical and Chemical Properties

Appearance	Clear solution	pH	7.0
Odour	Mild	Boiling point (degC)	Not available
Specific gravity (kg/L)	1.02	Freezing point (degC)	Not available
Solubility	Infinite in water	Flammability Information	-
Vapour density	Not available	Flashpoint (degC)	>109, ASTM D94
Vapour pressure	Not available		

Section 10: Stability and Reactivity

Stability of substance:	Stable under normal circumstances.
Conditions to avoid:	None known.
Material to avoid:	None known.
Hazardous decomposition products:	Not known – decomposition fumes are toxic.
Hazardous polymerization:	Will not occur.

Section 11: Toxicological Information

Data and interpretation: LD50 oral (rat): greater than 5000mg/kg.
LD50 skin (rabbit): greater than 5000 mg/kg.

See Section 2 for general hazard information.

Section 12: Ecological Information

Potential Environmental Interactions Acts as a plant hormone. Possible activity on non-target plants is unknown but not thought to be significant.

Section 13: Disposal Considerations

Product disposal: Use as directed on the label or incinerate at an approved facility. Do not contaminate water systems.

Container disposal: Rinse into the spray tank and bury at an approved landfill.

Section 14: Transport Information

UN Number: Not allocated

DG Class and Subsidiary Group: N/A

Proper shipping name: N/A

Packing group: N/A

HAZCHEM code: Not allocated

Special precautions: None identified

Section 15: Regulatory Information

Regulatory status: Registered pursuant to the ACVM Act 1997, No. P7228.
See www.foodsafety.govt.nz for registration conditions.

Section 16: Other Information

Revision due: 29 August 2022.

Additional information: 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.