

Baga™

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

Product name:	Baga™
Recommended use:	Plant growth regulator
Company details:	Grochem (AgriNova New Zealand Limited) 15 Sunlight Grove Porirua New Zealand
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Date of preparation:	05 May 2017

Section 2: Hazards Identification

Hazard classification (Transport):	Not classed as dangerous goods for transport.
Hazardous substances (HSNO):	3.1D (Warning: Combustible liquid) 6.3B (Warning: Causes mild skin irritation) 6.4A (Warning: Causes serious eye irritation) 9.1D (Ecotoxic: May cause long lasting, harmful effects to aquatic life.)



Section 3: Composition/Information on Ingredients

Classification & type:	CAS No.	Proportion (%w)
Material		
6-Benzyl adenine	1214-39-7	1.5 – 2.5
Gibberellic Acid GA4 and GA7	8030-53-3	1.5 – 2.5
Non-active low-hazard components		to 100%

Section 4: First Aid Measures

Symptoms of exposure:

If Swallowed	Can result in nausea, vomiting, diarrhoea and abdominal pain.
If in Eyes	Causes serious eye irritation.
If on Skin	Causes mild skin irritation.
If Inhaled	Inhalation of mist may result in respiratory irritation.

First aid actions:

	If exposed, concerned or if symptoms persist: Get medical attention/advice. If medical advice is needed, have product container or label at hand.
If Swallowed	Rinse mouth with water. Do not induce vomiting. Seek medical advice if unwell.
If in Eyes	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention/advice.
If on Skin	Remove contaminated clothing. Rinse skin/hair with plenty of water. If skin irritation occurs, get medical advice/attention.
If Inhaled	Remove to fresh air and keep at rest in a position comfortable for breathing.

Workplace facilities:

For volumes >500L – 2 fire extinguishers must be available. An eyewash and general hygiene facilities must also be available.

Notes for medical personnel:

Treat symptomatically.

Section 5: Fire Fighting Measures

Type of Hazard:	Combustible liquid.
HAZCHEM code:	2X
Combustion products:	May evolve toxic gases including carbon oxides and hydrocarbons.
Extinguishing media & methods:	In case of fire use water fog, alcohol foam, carbon dioxide or dry chemical to extinguish as appropriate. Cool containers with water spray.
Recommended protective clothing:	Fire fighters should wear positive pressure self-contained breathing apparatus.

Section 6: Accidental Release Measures

Personal protection:	See Section 8.3 for appropriate PPE. Avoid creating mists or breathing vapours.
Containment and clean up:	Contain spillage with absorbent material. Collect and dispose of absorbent material in an appropriate landfill. Rinse area with water absorbing rinse with absorbent material.
Special requirements:	Isolate from all sources of ignition. No Smoking. See Section 13 for instructions for the disposal of waste/contaminated material.

Section 7: Handling and Storage

Subsection 1:

Handling practices

Handling

Wear appropriate PPE as detailed in Section 8.3.
Keep away from ignition sources such as heat/sparks/open flame/hot surfaces – No smoking. Wash hands after handling.

Subsection 2:

Storage

Store in a cool well ventilated place away from foodstuffs.
Do not decant from original container except for immediate use.

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 set for this product.
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	Wear overalls, chemical goggles and impervious gloves.
General Hygiene	Always wash hands after use and before smoking, eating, drinking or using the toilet.

Section 9: Physical and Chemical Properties

Appearance	Pale yellow clear liquid	pH	Not available
Odour	Characteristic ether	Boiling point (degC)	>170
Specific gravity (kg/L)	1.032	Freezing point (degC)	Not available
Solubility	Infinite	Flashpoint (degC, ASTM D93)	89

Section 10: Stability and Reactivity

Stability of substance:	Stable under normal conditions.
Conditions to avoid:	Avoid all sources of ignition (heat, sparks etc).
Material to avoid:	Explosive (Class 1), Flammable (Class 2, Class 3.2, Class 4) Oxidisers (Class 5), Radioactive (Class 7) and Foodstuffs.
Hazardous decomposition products:	Unknown.
Hazardous polymerization:	Will not occur.

Section 11: Toxicological Information

Data and interpretation:	The toxicological categorisation of this product has been extrapolated from data on its components. No relevant data exists on this substance. See section 2 for general hazard information.
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Section 12: Ecological Information

Potential environmental interactions:	HSNO Class 9.1D. Designed to control fruitlet development and therefore has some biocidal properties. Effects on non-target plants are unknown.
Environmental risk phrases:	Potentially harmful to non-target plants. Avoid spray drift. Do not release to the environment except when using in accordance with label instructions.

Section 13: Disposal Considerations

Product disposal:	Reprocess or burn in an approved incinerator in accordance with all local regulations at an approved waste disposal facility. Do not contaminate water supplies/pollute public waters. Do not flush to sewer.
Container disposal:	Triple rinse empty container and add rinsate to spray tank. Deliver to an appropriate recycling facility (eg Agrecovery). Otherwise crush or puncture and bury in a suitable landfill.

Section 14: Transport Information

UN Number:	N/A
DG Class and Subsidiary Group:	N/A
Proper shipping name:	N/A
Packing group:	N/A
HAZCHEM code:	2X
Special precautions:	Incompatible with materials of Class 1, Class 2, Class 3.2, Class 4 and Class 5. Quantities of greater than 2.5L shall not be carried on passenger transport vehicles.

Section 15: Regulatory Information

Regulatory status: Approved pursuant to the HSNO Act 1996: Hazardous Substances (Combustible, NOS) Group Standard HSR002617. Registered pursuant to the ACVM Act 1997: P7226.

HSNO trigger quantities:

Fire Extinguishers (for >500L)	2 extinguishers
SDS must be available for	Any quantity
Signage	10,000L
Emergency plan	10,000L
Bunding	10,000L

Section 16: Other Information

Revision due: 05 May 2022

Additional information: Directions for use are found on the product label.

Glossary:

ACVM	Agricultural Compounds and Veterinary Medicines Act 1997 or Group
CAS	Chemical Abstract Services Number, used to uniquely identify chemical compounds
HSNO	Hazardous Substances and New Organisms (legislation 1996)
LD50	Lethal Dose to kill 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.