

BAPSoI™

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

Product name:	BAPSoI™
Recommended use:	Plant Growth Regulator (Fruit Thinner)
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:	20 March 2017

Section 2: Hazards Identification

Hazard classification (Transport):	Not classed as dangerous goods for transport.
Hazardous substances (HSNO):	3.1D (Warning: Combustible liquid) 6.1E (Warning: May be harmful if inhaled or swallowed) 6.3B (Warning: Causes mild skin irritation) 6.4A (Warning: Causes eye irritation) 9.1D (Ecotoxic: Possible biocidal effect on non-target plants)



Section 3: Composition/Information on Ingredients

Classification & type:	CAS No.	Proportion (%w)
Material		
Mixed Glycol Ethers	mixture	20
6-Benzyl Adenine	1214-39-7	2
Non-hazardous components		78

Section 4: First Aid Measures

Symptoms of exposure:

If Swallowed	Can result in nausea, vomiting, diarrhoea and abdominal pain.
If in Eyes	Will cause eye irritation.
If on Skin	Contact with skin may result in moderate irritation.
If Inhaled	Inhalation of mist will result in respiratory irritation. Call a Poison Centre or doctor/physician if you feel unwell.

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	Do not induce vomiting. Give plenty of water to drink. If vomiting occurs give further water. Seek medical advice.
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 advice/attention.
If on Skin	Remove contaminated clothing. Rinse skin/hair with plenty of water. If swelling, redness, blistering, or irritation occurs seek medical advice. Wash clothing before reuse.
If Inhaled	Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Workplace facilities:

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

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
Handling practices	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 thoroughly after handling.
Subsection 2:	Storage
Packaging	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)
Exposure standards	No exposure standards have been set for this substance.
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	Clear colourless liquid	pH	Not available
Odour	Characteristic ether	Boiling point (degC)	>170
Specific gravity (kg/L)	1.02	Freezing point (degC)	Not available
Solubility	Infinite	Flashpoint (degC, ASTM D93)	93

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) and Oxidisers (Class 5).
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 1L must not be carried on passenger transport vehicles.

Section 15: Regulatory Information

Regulatory status: Approved pursuant to the HSNO Act 1996: HSR001683
Registered pursuant to the ACVM Act 1997: P7170

HSNO trigger quantities: Trigger quantities for this substance:

Fire Extinguishers	(for >500L) 2 extinguishers
SDS must be available for	50L
Signage	10,000L
Emergency plan	10,000L
Bunding	10,000L

Section 16: Other Information

Revision due: 20 March 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.