

Garrison Rapid

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

Product name:	Garrison Rapid
Recommended use:	Pruning paint – seals and protects pruning cuts and wounds.
Company details:	Grochem (AgriNova New Zealand Limited) 15 Sunlight Grove Porirua New Zealand
Telephone:	+64 4 237 0905
Email:	grochem@grochem.com
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:	24 May 2018

Section 2: Hazards Identification

Hazard classification

Dangerous Goods (Transport)	Class 9 – Miscellaneous Dangerous Goods
Hazardous Substances (HSNO)	6.4A (WARNING: Causes serious eye irritation) 6.7B (WARNING: Suspected of causing cancer) 6.8C (May cause harm to breast fed children) 6.9B (WARNING: May cause damage to organs through prolonged or repeated exposure) 9.1A (WARNING: Very toxic to aquatic life)



Precautionary Statement:

- P103 Read label before use
- P201 Obtain special instruction before use
- P202 Do not handle until all safety precautions have been read and understood
- P260 Do not breathe vapours
- P263 Avoid contact during pregnancy/ while nursing
- P264 Wash thoroughly after handling
- P270 Do not eat, drink or smoke when using this product
- P273 Avoid release to the environment
- P280 Wear eye protection
- P281 Use personal protective equipment as required
- P405 Store locked up

Section 3: Composition/Information on Ingredients

Classification & type: Mixture

Material	CAS No.	Proportion (%w)
Cyproconazole	113096-99-4	0.25
Iodocarb	55406-53-6	0.10
Proprietary blend of resins and fungistatic additives		to 100%

Section 4: First Aid Measures

First aid actions:	If exposed, concerned, you feel unwell or irritation symptoms persist: Get medical attention/advice.
If Swallowed	DO NOT INDUCE VOMITING. If conscious, give 3-4 glasses of water. Call the National Poison Centre 0800 POISON (0800 764 766) or doctor/physician immediately.
If in Eyes	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. If eye irritation persists get medical advice/ attention.
If on Skin	Wash with soap and water. Remove contaminated clothing. Wash contaminated clothing before reuse.
If Inhaled	Not normally a risk. Remove to fresh air and seat in a position comfortable for breathing.
Workplace facilities:	Eyewash and emergency shower.
Notes for medical personnel:	Treat symptomatically.

Section 5: Fire Fighting Measures

Type of Hazard:	Not flammable.
HAZCHEM code:	2X
Combustion products:	Not known.
Extinguishing media & methods:	Use media suitable to flammable material. Contain and prevent runoff entering waterways or waste systems.
Recommended protective clothing:	Wear clothing suitable to fire situation.

Section 6: Accidental Release Measures

Personal protection:	See Section 8.3 for appropriate PPE.
Containment and clean up:	Spills: CAUTION! Floors may become slippery. Large amounts: Do not allow the product to enter drains, sewers or waterways. Remove leaking containers to a detached area. Bund spill area. Absorb spilled product with inert material (e.g. sand, earth etc.) and place in a sealed container
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.
Subsection 2:	Storage
Site requirements	Store locked up in a cool dry place.
Packaging	Store in original packaging.

Section 8: Exposure Controls/Personal Protection

Subsection 1:	Workplace Exposure Guidelines (may also be considered in section 2)
Workplace exposure standards	No exposure limits have been set for this product.
Subsection 2:	Engineering Controls
Exposure control measures	Use in a well ventilated area. Avoid generating mist.
Subsection 3:	Personal Protective Equipment (PPE)
Detail specifications for equipment	Wear chemical type goggles or safety glasses. Wear PVC gloves and protective clothing.
General hygiene	Always wash exposed skin after use and before eating or other activity.

Section 9: Physical and Chemical Properties

Appearance	Blue liquid (paint)	pH	9
Odour	Sweet	Boiling point (degC)	>100
Specific gravity (kg/L)	1.18	Freezing point (degC)	Not available
Solubility	Dispersible	Flashpoint (degC)	Not flammable

Section 10: Stability and Reactivity

Stability of substance:	Stable under normal operating conditions.
Conditions to avoid:	None known.
Material to avoid:	None known.
Hazardous decomposition products:	Thermal decomposition may result in oxides of carbon, nitrogen and iodine.
Hazardous polymerization:	Will not occur.

Section 11: Toxicological Information

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:	May cause nausea or vomiting
If in Eye:	Causes serious eye irritation.
If on Skin:	May cause minor irritation
If Inhaled:	Unlikely to occur.
Data and interpretation:	LD50oral(rat) >5000mg/kg See Section 2 for general hazard information.

Section 12: Ecological Information

Potential environmental interactions:	LC50<1mg/L
Environmental risk phrases:	Very toxic to aquatic life, Marine pollutant.

Section 13: Disposal Considerations

Product disposal:	Use as directed on the label or dispose of at an approved disposal facility.
Container disposal:	Triple rinse container and deliver to an AgRecovery collection depot or bury at approved landfill.

Section 14: Transport Information

UN number:	3082
DG class and subsidiary group:	9
Proper shipping name:	Environmentally Hazardous Substance, Liquid, NOS (Cyproconazole 0.25%, Iodocarb 0.1%)
Packing group:	III
HAZCHEM code:	2X
Special precautions	Do not carry more than 1L on a passenger service vehicle.

Section 15: Regulatory Information

Regulatory status: Registered under the ACVM Act 1997, P4486, see www.foodsafety.co.nz for approval conditions.
Approved in accordance with the HSNO Act 1996, HSR000632, see www.epa.govt.nz for conditions.

HSNO Controls: Trigger quantities for this substance:

SDS must be available for	0.1L
Signage	100L
Emergency plan	100L
Bunding	100L

Section 16: Other Information

Revision due: 24 May 2023

Additional information: Directions for use are found on the product label.
Records are required to be kept whenever >3kg of this product is applied in a 24hr period.

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).
LC50	Lethal Concentration fatal to 50% of test animals/organisms.
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.