

## Section 1 - Identification of the Material and Supplier

**Product Name:** Novagreen Pursuit Miticide.

**Other Means of Identification:** Mixture.

**Recommended use of the Chemical and Restriction on Use:** Agricultural miticide.

**Details of Manufacturer or Importer:**

Australian Agribusiness (Holdings) Pty Ltd

Suite 201, Level 2, 3 Rider Boulevard

Rhodes NSW 2138

**Phone number:** 02 9395 1200 (office hours)

**Date of Preparation:** February 2025 and is valid for 5 years from this date.

**Emergency telephone number:** National Poisons Information Centre: Phone 13 11 26

## Section 2 - Hazards Identification

### Hazardous Nature:

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Classified as Dangerous Goods according to the Australian Code for Transport of Dangerous Goods by Road and Rail (7<sup>th</sup> edition), IATA and IMDG/IMSBC.



Acute Toxicity (Oral) 2 H300 Fatal if swallowed.



STOT RE 2

H373 May cause damage to the central nervous system and the peripheral nervous system through prolonged or repeated exposure.



Aquatic Acute 1 H400 Very toxic to aquatic life.

Aquatic Acute 2 H410 Very toxic to aquatic life with long lasting effects.

**GHS Signal word:** Danger

### Hazard Statements:

H300: Fatal if swallowed.

H373: May cause damage to the central nervous system and the peripheral nervous system through prolonged or repeated exposure.

H410: Very toxic to aquatic life with long lasting effects.

### Precautionary Statements:

P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

P264: Wash contacted areas thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P273: Avoid release to the environment.

P301+P310: IF SWALLOWED: Immediately call a POISON CENTRE/doctor.

P321: Specific treatment (see on this label)

P330: Rinse mouth.

P314: Get medical advice/attention if you feel unwell.

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P391: Collect spillage.

P405: Store locked up.

P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

### Section 3 - Composition/Information on Ingredients

#### Chemical Characterisation: Mixtures

**Description:** Mixture of substances listed below with nonhazardous additions.

Hazardous Components:		
CAS: 74115-24-5	Clofentezine	18.75%
	⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Acute Toxicity (Dermal) 4, H312	
CAS: 141517-21-7	Abamectin (combination of avermectin B1a and avermectin B1b) (ISO)	1.8%
	⚠ Acute Toxicity (Oral) 1, H300; Acute Toxicity (Inhalation) 1, H330; ⚠ Toxic To Reproduction 2, H361d; STOT RE 1, H372; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410;	

### Section 4 - First Aid Measures

#### Inhalation:

If inhaled, remove to fresh air. If not breathing give artificial respiration. Seek medical attention if breathing problems develop.

#### Skin Contact:

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

#### Eye Contact:

In case of eye contact, hold eyelids open and rinse with water for at least 15 minutes. Seek medical attention if symptoms occur.

#### Ingestion:

If swallowed, do not induce vomiting. Immediately rinse mouth with water. Give a glass of water. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

#### Symptoms Caused by Exposure:

Inhalation:	May cause respiratory irritation.
Skin Contact:	May cause skin irritation.
Eye Contact:	May cause eye irritation.
Ingestions:	Fatal if swallowed.

### Section 5 - Fire Fighting Measures

**Suitable Extinguishing Media:** Use fire extinguishing methods suitable to surrounding conditions.

#### Specific Hazards Arising from the Chemical:

No Hazardous decomposition products known.

This product is not flammable but may burn or decompose in a fire.

Containers close to fire should be removed if safe to do so. Use water spray to cool fire exposed containers.

Prevent run-off from firefighting entering drains or water courses.

#### Special Protective Equipment and Precautions for Fire Fighters:

When fighting a major fire wear self-contained breathing apparatus and full fire protective equipment.

### Section 6 - Accidental Release Measures

#### Personal Precautions, Protective Equipment and Emergency Procedures:

Wear approved respiratory protection, chemical resistant gloves, protective clothing and safety boots. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation.

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**Environmental precautions:**

In the event of a major spill, prevent spillage from entering drains or water courses.

**Methods and Materials for Containment and Cleaning Up:**

Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material.

Collect the spilled material and place into a suitable container.

## Section 7 - Handling and Storage

**Precautions for Safe Handling:**

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Use only outdoors or in a well-ventilated area.

Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective clothing before storage or re-use. Provide eye wash fountains and safety showers near points of potential exposure.

**Conditions for Safe Storage:**

Store in a cool, dry and well-ventilated area. Keep container tightly closed when not in use.

## Section 8 - Exposure Controls and Personal Protection

**Exposure Standards:**

This product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Personal Protection**

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory Equipment: **AS/NZS 1717 and 1716**, Protective Gloves: **AS/NZS 2161**, Occupational Protective Clothing: **AS/NZS 4501**, Industrial Eye Protection: **AS/NZS 1337**.

**Engineering Controls:** Ensure adequate ventilation of the working area.

**Respiratory Protection:**

Use an approved vapour respirator under conditions where exposure to the substance is apparent (e.g. generations of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See above AS/NZS standards for more information.

**Skin Protection:**

Elbow length chemical-resistant gloves. See above AS/NZS standards for more information. When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See above AS/NZS standards for more information.

**Eye and Face Protection:**

Eye and face protectors against splashing materials or liquids. See above AS/NZS standards for more information.

## Section 9 - Physical and Chemical Properties:

**Appearance:**

<b>Form:</b>	Liquid Suspension.
<b>Colour:</b>	Magenta.
<b>Odour:</b>	No information available.
<b>Odour Threshold:</b>	No information available.
<b>pH-Value:</b>	8.0 – 9.0
<b>Freezing Point/Melting Point:</b>	No information available.
<b>Initial Boiling Point/Boiling Range:</b>	No information available.

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<b>Flash point:</b>	No information available.
<b>Flammability (solid, gas):</b>	Product is not flammable.
<b>Autoignition temperature:</b>	No information available.
<b>Decomposition Temperature:</b>	No information available.
<b>Explosion Limits:</b>	
<b>Lower:</b>	No information available.
<b>Upper:</b>	No information available.
<b>Vapour Pressure at 20°C:</b>	No information available.
<b>Relative Density at 20°C:</b>	1.08 – 1.14
<b>Vapour Density:</b>	No information available.
<b>Solubility in Water:</b>	No information available.
<b>Evaporation Rate:</b>	No information available.
<b>Partition Coefficient (n-octanol/water):</b>	No information available.
<b>Viscosity:</b>	400 – 600 cP

## Section 10 - Stability and Reactivity

**Possibility of Hazardous Reactions:** Hazardous polymerisation will not occur.

**Chemical Stability:** Stable at ambient temperatures and under normal conditions of storage and use.

**Conditions to Avoid:** No further relevant information available.

**Incompatibilities:** No further relevant information available.

**Hazardous Decomposition Products:** No hazardous decomposition products known.

## Section 11 - Toxicological Information

### Toxicity:

LD50/LC50 Values Relevant for Classification:		
CAS: 71751-41-2 Abamectin (combination of avermectin B1a and avermectin B1b) (ISO)		
Oral	LD50	1,230 mg/kg (Rattus norvegicus (rat))
Dermal	LD50	>330 mg/kg (Rattus norvegicus (rat))
Inhalation	LC50/4 h	>4.178 mg/l (Rattus norvegicus (rat))

### Acute Health Effects

**Inhalation:** May cause respiratory irritation.

**Skin Contact:** May cause skin irritation.

**Eye Contact:** May cause eye irritation.

**Ingestions:** Fatal if swallowed.

**Skin Corrosion/Irritation:** Based on classification principles, the classification criteria are not met.

**Serious Eye Damage/Irritation:** Based on classification principles, the classification criteria are not met.

**Respiratory or Skin Sensitisation:** Based on classification principles, the classification criteria are not met.

**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.

### Carcinogenicity:

Based on classification principles, the classification criteria are not met.

This product does NOT contain any IARC listed chemicals.

**Reproductive Toxicity:** Based on classification principles, the classification criteria are not met.

### Specific Target Organ Toxicity (STOT) – Single Exposure:

Based on classification principles, the classification criteria are not met.

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**Specific Target Organ Toxicity (STOT) – Repeated Exposure:**

May cause damage to the central nervous system and the peripheral nervous system through prolonged or repeated exposure.

**Aspiration Hazard:** Based on classification principles, the classification criteria are not met.

**Chronic health Effects:** Repeated exposure may cause allergic reactions in some people.

**Existing Conditions Aggravated by Exposure:** No information available.

**Additional toxicological information:**

The Australian Acceptable Daily Intake (ADI) for clofentezine for a human is 0.02 mg/kg/day, set for the public for daily, lifetime exposure. This is based on the NOAEL of 2 mg/kg/day, the level determined to show no effects during long term exposure for the most sensitive indicators and the most sensitive species.

The Australian ADI for Abamectin (sum of abamectin + 8,9-Z isomer) for a human is 0.001 mg/kg/day, set for the public for daily, lifetime exposure. This is based on the NOAEL of 0.1 mg/kg/day.

(Ref: Australian Pesticides and Veterinary Medicines Authority, 'Acceptable Daily Intakes for Agricultural and Veterinary Chemicals', 2020).

## Section 12 - Ecological Information

**Ecotoxicity:**
**Aquatic toxicity:**

Very toxic to aquatic life with long lasting effects.

<b>CAS: 71751-41-2 Abamectin (combination of avermectin B1a and avermectin B1b) (ISO)</b>	
EC50/96 h	7.3096 mg/l (algae)

**Persistence and Degradability:** No further relevant information is available.

**Bioaccumulative Potential:** No further relevant information is available.

**Mobility in soil:** No further relevant information is available.

**Other adverse effects:** No further relevant information is available.

## Section 13 - Disposal Considerations

**Disposal Methods and Containers:**

Dispose according to applicable local and state government regulations.

**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste management Authority for more information.

## Section 14 - Transport Information

**UN Number**

ADG, IMDG, IATA

UN3082

**Proper Shipping Name**

ADG, IATA

ENVIRONMENTALLY HAZARDOUS SUBSTANCE,  
LIQUID, N.O.S. (Clofentezine, Abamectin (combination of  
avermectin B1a and avermectin B1b) (ISO))

IMDG

ENVIRONMENTALLY HAZARDOUS SUBSTANCE,  
LIQUID, N.O.S. (Clofentezine, Abamectin (combination of  
avermectin B1a and avermectin B1b) (ISO)), MARINE  
POLLUTANT

**Dangerous Goods Class**

ADG Class:

9 Miscellaneous dangerous substances and articles.

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<b>Packing Group:</b>	III
<b>ADG, IMDG, IATA</b>	
<b>Marine Pollutant:</b>	Yes Symbol (fish and tree)
<b>EMS Number:</b>	F-A,S-F
<b>Hazchem Code:</b>	●3Z
<b>Special Provisions:</b>	274, 331, 335, 375, AU01
<b>Limited Quantities:</b>	5L
<b>Packagings &amp; IBCs - Packing Instructions:</b>	P001, IBC03, LP01
<b>Packagings &amp; IBCs – Special Packing Provisions:</b>	PP1
<b>Portable Tanks &amp; Bulk Containers – Instructions:</b>	T4
<b>Portable Tanks &amp; Bulk Containers – Special Provisions:</b>	TP1, TP29

## Section 15 - Regulatory Information

### Australian Inventory of Chemical Substances:

CAS: 74115-24-5 Clofentezine

### Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) – Poison Schedule:

Poisons Schedule: 6.

## Section 16 - Other Information

This SDS contains only safety-related information. For other data see product literature.

### Acronyms:

<b>ADG</b>	Australian Dangerous Goods	<b>LC50</b>	Lethal concentration, 50 percent
<b>IMDG</b>	International Maritime Dangerous Good	<b>LD50</b>	Lethal dose, 50 percent
<b>IATA</b>	International Air Transport Authority	<b>STEL</b>	Short Term Exposure Limit
<b>GHS</b>	Globally Harmonised System of Classification and Labelling of Chemicals	<b>NES:</b>	National Exposure Standard (Safe Works Australia – Workplace Exposure Standards for Airborne Contaminants)
<b>IARC</b>	International Agency for Research on Cancer	<b>TWA</b>	Time Weighted Average
<b>CAS number</b>	Chemical Abstracts Service Registry Number	<b>UN Number</b>	United Nations Number

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS

OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.

This SDS is prepared in accord with the SWA document “Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice” (July 2020) and GHS Revision 7.

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### SAFETY DATA SHEET