

## Section 1 - Identification of the Material and Supplier

**Product Name:** Amgrow Patrol Mozzie Wasp & Spider RTU

**Other Means of Identification:** Mixture

**APVMA Approval Number:** 68372

**Recommended Use of the Chemical and Restriction on Use:**

Ready to Use Insecticide to control mosquitoes, wasps and spiders as described on the product label.

**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)

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

## Section 2 - Hazards Identification

**Hazardous Nature:**

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Not 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.



Short term/Acute Category 3

**Signal word: None.**

**Hazard Statements:**

H402: Harmful to aquatic life.

**Precautionary Statements:**

P262: Do not get in eyes, on skin, or on clothing.

P264: wash hands thoroughly after handling.

P363: Wash contaminated clothing before reuse.

P310+P330+P331: IF SWALLOWED: Rinse mouth. Do not induce vomiting.

P303+P361+P353: IF ON SKIN: Remove immediately all contaminated clothing. Rinse skin with water.

P305+P351+P338: IF IN EYES: Rinse cautiously for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice.



P402+P404: Store in closed container. Store in a dry place.

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

## Section 3 - Composition/Information on Ingredients

**Chemical Characterisation:** Mixture

**Description:** Mixture of substances listed below.

Components:		
CAS: 82657-04-3	Bifenthrin	0.5g/L
	 Aquatic Acute 1, H400 (M=1000): Aquatic Chronic, H410 (M=1000):  Acute toxicity - oral – Category 4, H302 Acute toxicity - dermal – Category 4, H312; Acute toxicity - inhalation – Category 4, H332; Skin sensitisation – Category 1, H317	

## SAFETY DATA SHEET

Issued by: Australian Agribusiness (Holdings) Pty Ltd

Phone: 02 9395 1200 (office hours)

National Poisons Centre: 13 1126, (0800 764 766 in New Zealand)

## Section 4 - First Aid Measures

**Inhalation:** If inhaled, remove to fresh air. Seek medical attention if breathing problems develop.

**Skin Contact:** In case of skin contact, remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if irritation occurs.

**Eye Contact:** In case of eye contact, rinse with water for several minutes, including under eyelids. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Seek medical attention if irritation persists.

**Ingestion:** If swallowed, do not induce vomiting. Immediately rinse mouth with water. Never give anything by mouth to an unconscious person. Seek medical attention if feeling unwell.

### Symptoms Caused by Exposure:

Inhalation: May cause respiratory tract irritation.

Skin Contact: No adverse health effects expected.

Eye Contact: May cause eye irritation.

Ingestions: Causes irritation. Large dose may cause nausea and vomiting. However, concentration of bifenthrin, the active ingredient which gives rise to the symptoms, is below the concentration at which effects would be expected.

## Section 5 - Fire Fighting Measures

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

### Specific Hazards Arising from the Chemical:

No hazardous decomposition products known. Product is likely to decompose only after heating to dryness, followed by further strong heating.

Product is not flammable.

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

Minimise run-off from firefighting entering drains and water courses.

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

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

## Section 6 - Accidental Release Measures

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

Wear personal protective equipment. Keep unprotected persons away. Take care as spill may cause a slip hazard.

### Environmental precautions:

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

Inform authorities in case of seepage into water course or sewage system.

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

Stop leak if safe to do and absorb spill with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into suitable container for subsequent disposal.

## Section 7 - Handling and Storage

### Precautions for Safe Handling:

Use of safe work practices are recommended to avoid eye contact and prolonged or repeated skin contact.

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 equipment before storage or re-use. Provide eye wash fountains and safety showers in close proximity to points of potential exposure.

### Conditions for Safe Storage:

Keep out of reach of children. Store in a cool, dry and well-ventilated area out of direct sunlight. Keep container tightly closed when not in use.

## SAFETY DATA SHEET

## Section 8 - Exposure Controls and Personal Protection

### Exposure Standards:

Exposure limits have not been established by SWA for any of the significant ingredients of this product.

The ADI (Acceptable Daily Intake) for Bifenthrin is set at 0.01mg/kg/day. The NOEL (No-observable-effect-level) is set at 1mg/kg/day.

### Personal Protection:

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

Respiratory equipment: **AS/NZS 1715 and 1716**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: **AS/NZS 4501**, Industrial Eye Protection: **AS/NZS 1337**.

**Engineering Controls:** Natural ventilation should be adequate under conditions of normal use.

**Respirator Protection:** Respiratory protection is not required under normal use conditions.

**Skin Protection:** Skin protection is not required under normal use conditions.

**Eye and Face Protection:** Eye protection is not required under normal use conditions. In case of spill or leakage wear safety glasses for protection against splashing materials or liquids. See above AS/NZS standards for more information.

## Section 9 - Physical and Chemical Properties:

### Appearance:

Form:	Opaque liquid.
Colour:	White.
Odour:	Slight.
Odour Threshold:	No information available.
pH-Value:	No information available.
Freezing Point/Melting Point:	No information available.
Initial Boiling Point/Boiling Range:	No information available.
Flash point:	No information available.
Flammability (solid, gas):	Not applicable.
Autoignition temperature:	No information available.
Decomposition Temperature:	No information available.
Explosion Limits:	
Lower:	No information available.
Upper:	No information available.
Vapour Pressure:	2.37 kPa at 20°C (water vapour pressure).
Vapour Density:	As for water.
Relative Density:	0.98 approx.
Evaporation Rate:	No information available.
Solubility in Water:	Miscible.
Partition Coefficient (n-octanol/water):	No information available.
Viscosity:	No information available.

## Section 10 - Stability and Reactivity

**Possibility of Hazardous Reactions:** No dangerous reactions known under conditions of normal use.

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

**Conditions to Avoid:** Keep out of reach of children. Avoid exposure to light.

**Incompatibilities:** No further relevant information.

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

## SAFETY DATA SHEET

## Section 11 - Toxicological Information

### Toxicity:

LD50/LC50 Values:		
CAS: 82657-04-3 Bifenthrin		
Oral	LD50	>53 mg/kg (Rattus norvegicus (rat))
Dermal	LD50	2,000 mg/kg (Oryctolagus cuniculus (rabbit))

### Acute Health Effects

**Inhalation:** May cause respiratory tract irritation.

**Skin Contact:** No adverse health effects expected.

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

**Ingestions:** Causes irritation. Large dose may cause nausea and vomiting. However, concentration of bifenthrin, the active ingredient which gives rise to the symptoms, is below the concentration at which effects would be expected.

**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.

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

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

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

**Chronic health Effects:** Harmful to mammals if swallowed. Large doses of Bifenthrin may cause incoordination, tremor, salivation, vomiting, diarrhoea, and irritability to sound and touch.

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

## Section 12 - Ecological Information

### Ecotoxicity:

**Aquatic toxicity:** Very toxic to aquatic life.

**Persistence and Degradability:** No data available on finished product.

**Bioaccumulative Potential:** Potential for bio concentration in aquatic organisms is high.

**Mobility in soil:** No data available on finished product.

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

## Section 13 - Disposal Considerations

### Disposal Methods and Containers:

Dispose according to applicable local and state government regulations.

## SAFETY DATA SHEET

### Special Precautions for Landfill or Incineration:

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

## Section 14 - Transport Information

**UN Number:** Not regulated.

**Proper Shipping Name:** Not regulated.

**Dangerous Goods Class:** Not regulated.

**Packing Group:** Not regulated.

## Section 15 - Regulatory Information

### Australian Inventory of Industrial Chemicals:

All components are on the inventory or in compliance with the inventory.

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

Not a scheduled poison.

### Australian Pesticides and veterinary Medicines Authority:

This product is registered with the Australian pesticides and veterinary Medicines Authority. APVMA approval number 68372.

## 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>STOT</b>	Specific Target Organ Toxicity
<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

Copyright © Australian Agribusiness (Holdings) Pty Ltd, May 2025.

## SAFETY DATA SHEET

Issued by: Australian Agribusiness (Holdings) Pty Ltd

Phone: 02 9395 1200 (office hours)

National Poisons Centre: 13 1126, (0800 764 766 in New Zealand)