

Safety Data Sheet: Vendetta® Plus

1. IDENTIFICATION

Product Name: Vendetta® Plus
Other Names: SCAL 5157 BAIT
Recommended Use: Insecticide for control of cockroaches in residential, commercial and industrial areas.

Distributor: Key Industries Ltd
Address: P.O. Box 65070, Mairangi Bay, Auckland 0754
Telephone: 09 917 1791
Emergency Phone: 0800 CHEMCALL (0800 243 622) 24 hours
National Poisons Centre: 0800 POISON (0800 764 766)

2. HAZARDS IDENTIFICATION

Hazardous substance according to the HSNO Act 1996 Hazardous Substances (Hazard Classification) Notice 2020.

Approval: HSR101546
Hazard Classifications: Skin sensitisation, Category 1
Hazardous to terrestrial invertebrates,
Hazardous to the aquatic environment acute Category 1,
Hazardous to the aquatic environment chronic Category 1.

Pictograms:



Signal word: WARNING
Hazard statements: May cause an allergic skin reaction.
Very toxic to aquatic life and with long-lasting effects.
Very toxic to terrestrial invertebrates.

Precautionary statements:
Prevention: Read label before use.
Avoid breathing dust/vapours.
Contaminated work clothing should not be allowed out of the workplace.

Response: Wear protective gloves.
Avoid release to the environment.
IF ON SKIN: Wash with plenty of soap and water.
If skin irritation or rash occurs: Get medical advice.
Wash contaminated clothing before re-use.
Collect spillage.

Storage: -

Safety Data Sheet: Vendetta® Plus

Disposal: Dispose of product and container in accordance with local regulations.

Other information:

Hazardous Substance (Labelling) Notice 2017

Refer Section 15.

NZS5433 Transportation of Dangerous Goods on Land

Classified as DG Class 9 for transport. Refer Section 14.

3. COMPOSITION: INFORMATION ON INGREDIENTS

Ingredients	CAS Number	Concentration (%w/w)
Pyriproxyfen	95737-68-1	0.5
Abamectin (avermectin B1a and avermectin B1b)	71751-41-2	0.05
Reaction mass of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one	55965-84-9	<1
Other ingredients (bait matrix, attractant, lure)	Trade secret	Balance

4. FIRST AID MEASURES

Consult the National Poisons Information Centre 0800 POISON (0800 764 766) or a doctor in every case of suspected chemical poisoning. Have product label or Safety Data Sheet at hand.

INGESTION: Rinse mouth. Get medical advice if you/person feels unwell. Do not induce vomiting unless advised to do so.

SKIN CONTACT: Remove contaminated clothing. Wash skin with plenty of soap and water. If irritation or rash develops, obtain medical advice. Wash contaminated clothing before reuse.

EYE CONTACT: Flush with running water for at least 15 minutes. Remove contact lenses if present, and easy to do after 5 minutes before continuing rinsing. Get medical advice if irritation persists.

INHALATION: An unlikely exposure route. Remove patient to fresh air and keep at rest in a position comfortable for breathing until recovered. Get medical advice if you/person feels unwell.

First Aid facilities: Provide eye baths close to work areas.

Advice to Doctor: Treat symptomatically. For skin effects a therapeutic agent for pyrethrin/pyrethroid exposure is topical application of tocophenol acetate (Vitamin E).

5. FIRE FIGHTING MEASURES

Flashpoint: Non-flammable.

Suitable extinguishing media: Dry chemical, carbon dioxide, foam.

Hazards from combustion products: May generate toxic gases such as carbon monoxide, carbon dioxide and smoke.

Precautions for fire fighters and special protective equipment: Respond as if an oil fire. Cool fire exposed containers with water. Stay upwind. Wear self-contained breathing apparatus with full face-piece and protective clothing.

Hazchem Code: 2Z

EMERGENCY PHONE: 0800 CHEMCALL (0800 243 622) 24 hours

Date of Issue: 22nd May, 2023

Date of Revision: May, 2028

Safety Data Sheet: Vendetta® Plus

6. ACCIDENTAL RELEASE MEASURES:

Personal Precautions:

Read label before use. Wear eye protection and gloves.

Environmental Precautions:

Contain spill and prevent from entering drains, sewer or any water course. In event of large spill and contamination of a watercourse, notify the Police, local Health Protection Officer and Council.

Methods and materials for containment

Soak up with an inert absorbent material. Collect into labeled container that can be sealed for disposal to landfill if product is unable to be used for intended purpose.

7. HANDLING AND STORAGE

Precautions for Safe Handling:

Keep out of reach of children. Read and observe all precautions and instructions on the label.

Do not use in areas accessible to children and pets. Do not treat food preparation areas or food utensils

Do not apply on wet surfaces. Do not apply outdoors.

Wear eye protection and rubber gloves. Observe good personal hygiene, including washing hands after use and before rest breaks or eating/drinking/smoking.

Conditions for Safe Storage:

Store securely in closed original packaging in cool, dry, well-ventilated area and out of reach of children. Keep containers upright. Do not store with drinks, food or animal feedstuffs.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Health Exposure Standards: Workplace Exposure Standards (WES), have not been set by Worksafe (ed. 13, April 2022) for this substance:

Biological limit values: None established

Engineering Controls:

Ventilation: Use in a well-ventilated area.

Personal Protective Equipment:

Respiratory Protection: Respiratory protection should not be necessary.

Eye Protection: Not required but avoid contact with eyes. Wear tight-fitting safety glasses.

Skin/ Body Protection: Avoid contact with skin. Wear PVC or rubber gloves. Wear overalls when using large quantities or heavy contamination or risk of prolonged/repeated skin contact is likely.

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

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing:

AS/NZS 4501, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear:

AS/NZS2210

9. PHYSICAL AND CHEMICAL PROPERTIES

EMERGENCY PHONE: 0800 CHEMCALL (0800 243 622) 24 hours

Date of Issue: 22nd May, 2023

Date of Revision: May, 2028

Safety Data Sheet: Vendetta® Plus

Appearance	Tan to brownish gel
Odour	Slight, characteristic
Odour threshold	Not determined
pH	5.1 (5% in water)
Melting/Freezing point °C	Not determined
Boiling Point/Range °C	Not applicable
Flash Point °C	>93.3 (Tag closed cup)
Flammability (solid, gas)	Not applicable
Upper/lower flammability/explosive limits	Not applicable
Vapour Pressure mm Hg @ 25°C	Not determined
Vapour Density Pa @ 25°C	Not applicable
Density @ 20°C	1.36 g/cm ³
Solubilities	No information
Partition coefficient: n-octanol/water	Not applicable
Autoignition Temperature °C	Not determined
Decomposition Temperature °C	Not determined
Kinematic viscosity	Not applicable
Particle characteristics:	Not available.

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions for storage.

Conditions to avoid: No specific material or conditions identified.

Hazardous decomposition products: On combustion, toxic gases and smoke generated.

Hazardous reactions: Not known to occur.

11. TOXICOLOGICAL INFORMATION

Toxicity classifications determined by studies or assessment of the components in the formulated mixture.

Acute toxicity: Not classified

Aspiration hazard: Not classified.

Respiratory irritation: Not classified.

Skin corrosion/irritation: Not classified.

Serious eye damage/irritation: May cause slight irritation to eyes.

Respiratory or skin sensitization: Contact sensitiser.

Germ cell mutagenicity: Not classified.

Carcinogenicity: Not classified.

Reproductive toxicity: Abamectin is suspected of damaging fertility and the unborn child and may cause harm to breast-fed children. However, the concentration in the formulated product does not trigger a classification.

Specific organ toxicity: Abamectin causes damage to the nervous system but the concentration in the formulated product does not trigger a classification. Pyriproxyfen is a possible liver and blood toxicant but is below the concentration limit to trigger a classification for the formulated product.

Narcotic effects: Not classified.

Toxicological Information:

Pyriproxyfen Oral, LD50 (rat) >5000 mg/kg

EMERGENCY PHONE: 0800 CHEMCALL (0800 243 622) 24 hours

Date of Issue: 22nd May, 2023

Date of Revision: May, 2028

Safety Data Sheet: Vendetta® Plus

Dermal, LD₅₀ (rat) 2000 mg/kg

Abamectin Oral, LD₅₀ (rat) 8.7 – 12.8 mg/kg
Dermal, LD₅₀ (rat) >1600 mg/kg
Inhalation, LC₅₀ (rat) >1.3 mg/L

Product Oral, LD₅₀ (rat) >5000 mg/kg
Dermal, LD₅₀ (rabbit) >5000 mg/kg
Sensitising (guinea pig)

12. ECOLOGICAL INFORMATION

Ecotoxicity: This product is classified as very toxic to aquatic life and with long lasting effects, and is toxic to terrestrial invertebrates. Do not contaminate waterways, sewers, or drains when using product, or when disposing of product or container.

Persistence and degradability: No specific information on product is available.

Potential to be bioaccumulative: No specific information available.

Mobility in soil: No specific information available.

Other adverse effects: No information available

Ecotoxicological Information:

Pyriproxyfen *Lepomis macrochirus* LC₅₀ (96 hr) >0.27 mg/L
Daphnia magna EC₅₀ (48 hr) 0.4 mg/L
Americamysis bahia LC₅₀ (96 hr) 0.047 mg/L
Selenastrum capricornutum EC₅₀ (72 hr) growth 0.15 mg/L
Lemna gibba EC₅₀ (7 day) biomass >0.18 mg/L

Abamectin *Rainbow trout* LC₅₀ (96 hr) 0.0036 mg/L
Daphnia magna EC₅₀ (48 hr) 0.00034 mg/L

Environmental Exposure Limits (EEL's): Not set.

13. DISPOSAL CONSIDERATIONS

Disposal Methods: Non-refillable container. Do not reuse empty containers. Dispose of product and packaging to approved landfill. Ensure disposal of packaging and product is in compliance with requirements of national and local authorities.

14. TRANSPORT INFORMATION

Road and Rail Transport		Marine Transport		Air Transport	
UN No.	3077	UN No.	3077	UN No.	3077
Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(CONTAINS 0.5% PYRIPROXYFEN,	Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(CONTAINS 0.5% PYRIPROXYFEN, 0.05% ABAMECTIN)	Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(CONTAINS 0.55 PYRIPROXYFEN, 0.05% ABAMECTIN)

EMERGENCY PHONE: 0800 CHEMCALL (0800 243 622) 24 hours

Date of Issue: 22nd May, 2023

Date of Revision: May, 2028

Safety Data Sheet: Vendetta® Plus

	0.05% ABAMECTIN)				
DG Class	9	DG Class	9	DG Class	9
Sub. Risk	-	Sub. Risk	-	Sub. Risk	-
Pack Group	III	Pack Group	III	Pack Group	III
Hazchem	2Z	Hazchem	2Z		

Marine Pollutant: Yes

Dangerous Goods Segregation

This product is classified as a Dangerous Good Class 9 for Transport.

Please consult the Land Transport Rule: Dangerous Goods 2005, and NZS 5433:2020 Transport of Dangerous Goods on Land for information.

15. REGULATORY INFORMATION

HSNO Act 1996

Approval Code: HSR101546; SCAL 5157 BAIT (2022 Formulation)

Classifications: Skin sensitisation Category 1
Hazardous to terrestrial invertebrates,
Hazardous to the aquatic environment acute Category 1,
Hazardous to the aquatic environment chronic Category 1.

Controls: Refer to www.epa.govt.nz for information on Controls.

Additional Controls under Regulation 77a:

Label to include following statements, or words to the same effect.

- Do not use in areas accessible to children and pets
- Do not treat food preparation areas or food utensils
- Do not apply on wet surfaces
- Do not apply outdoors

ACVM Act 1997

Registration Number: Not applicable (exempt)

Ministry of Primary Industries

Approved Non-dairy Maintenance Compound: -

Category:

Approval date:

16. OTHER INFORMATION

Date of issue: 22nd May 2023

Reasons for Issue: New product

Replaces: Not applicable

Abbreviations:

ACVM Agricultural Compounds and Veterinary Medicines

EMERGENCY PHONE: 0800 CHEMCALL (0800 243 622) 24 hours

Date of Issue: 22nd May, 2023

Date of Revision: May, 2028

Safety Data Sheet: Vendetta® Plus

ECHA	European Chemical Agency
EPA	New Zealand Environmental Protection Authority
GHS	Global Harmonised System
HSIS	Hazardous Substance Information System
HSNO	Hazardous Substances and New Organisms
IARC	International Agency for Research on Cancer
NZIoC	New Zealand Inventory of Chemicals
STEL	Short Term Exposure Limit (15 minute exposure period)
TWA	Time-Weighted Average (8 hours exposure period)
WES	Workplace Exposure Standard

References:

EPA www.epa.govt.nz
Supplier information and SDS
Worksafe NZ www.worksafe.govt.nz

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the supplier's knowledge. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses, but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product. For further information, please contact Key Industries Limited.