

SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

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Chemical nature: Cypermethrin and imiprothrin are pyrethroid derivatives.
Trade Name: **Protect-us™ Extra Strength Crawling Insect Spray**
Product Code: Australia: APVMA Registration: 67038/55009 New Zealand: ERMA Registration: HSR07108
Product Use: Insecticide for use as described on the product label.
Creation Date: **November, 2016**

SECTION 2 - HAZARDS IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE

This product is classified as: An, Harmful. N, Dangerous to the environment. Hazardous according to the criteria of SWA.

Risk Phrases: R12, R22, R50, R57, R65. Extremely Flammable. Harmful if swallowed. Very toxic to aquatic organisms. Toxic to bees. Harmful: May cause lung damage if swallowed.

Safety Phrases: S16, S20, S23, S61, S24/25, S62. Keep away from sources of ignition - No smoking. When using, do not eat or drink. Do not breathe vapours or spray mists. Avoid release to the environment. Refer to special instructions/Safety Data Sheets. Avoid contact with skin and eyes. If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

SUSMP Classification: S5

ADG Classification: Classified as a Dangerous Good according to Australian Dangerous Goods (ADG) Code.

UN Number: 1950 2.1

DG Class: None Allocated

Subsidiary Risk(s): None Allocated

Pig Group: None Allocated

Hazchem Code: 2YE

EPG: 2D1



GHS Signal word: WARNING

HAZARD STATEMENT:

- H223: Flammable aerosol.
- H229: Pressurized container: may burst if heated.
- H302: Harmful if swallowed.
- H400: Very toxic to aquatic life.

PREVENTION

- P102: Keep out of reach of children.
- P262: Do not get in eyes, on skin, or on clothing.
- P264: Wash contacted areas thoroughly after handling.
- P270: Do not eat, drink or smoke when using this product.
- P273: Avoid release to the environment.

RESPONSE

- P352: Wash with plenty of soap and water.
- P301+P312: IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell.
- P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P370+P378: Not combustible. Use extinguishing media suited to burning materials.

STORAGE

- P410: Protect from sunlight.
- P402+P404: Store in a dry place. Store in a closed container.
- P412: Do not expose to temperatures exceeding 50 °C.

DISPOSAL

- P501: Dispose of contents and containers as specified on the registered label.

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SAFETY DATA SHEET

EMERGENCY OVERVIEW

Physical Description & colour: Liquid in aerosol container.

Odour: Characteristic odour.

Major Health Hazards: If aspirated, may cause lung damage, repeated exposure may cause skin dryness.

POTENTIAL HEALTH EFFECTS

INHALATION:

Short term exposure: Product may be irritating, although unlikely to cause anything more than mild transient discomfort. Intentional misuse by deliberately concentrating and inhaling contents of aerosol containers can be harmful or fatal.

Long Term exposure: No data for health effects associated with long term inhalation.

SKIN CONTACT:

Short term exposure: Major health effect from this product is misuse of the aerosol function. If sprayed continuously on skin or in eyes, it can cause frostbite.

Long Term exposure: No data for health effects associated with long term skin exposure.

EYE CONTACT:

Short term exposure: If sprayed directly in the eye, this product will irritate. If spraying is prolonged, it may cause damage through frostbite.

Long Term exposure: No data for health effects associated with long term eye exposure.

INGESTION:

Short term exposure: Significant oral exposure is considered to be unlikely. Because of the low viscosity of this product, it may directly enter the lungs if swallowed, or if subsequently vomited. Once in the lungs, it is very difficult to remove and can cause severe injury. However, this product is an oral irritant. Symptoms may include burning sensation and reddening of skin in mouth and throat. Other symptoms may also become evident, but all should disappear once exposure has ceased.

Long Term exposure: No data for health effects associated with long term ingestion.

CARCINOGEN STATUS:

SWA: NO SIGNIFICANT INGREDIENT IS CLASSIFIED AS CARCINOGENIC BY SWA.

NTP: No significant ingredient is classified as carcinogenic by NTP.

IARC: No significant ingredient is classified as carcinogenic by IARC.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS No	Conk,%	TWA (mg/m ³)	STEL (mg/m ³)
Cypermethrin	52315-07-8	0.20%	Not set	Not set
Imiprothrin	72963-72-5	0.14%	Not set	Not set
Isopropyl alcohol	67-63-0	<10%	Not set	Not set
Naphtha (petroleum), hydro treated	64742-48-9	<35%	Not set	Not set
Propane/ Butane	106-97-8/ 74-98-6	to 100%	Not set	Not set

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak "is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

SECTION 4 - FIRST AID MEASURES

General Information:

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 11 26 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

Inhalation: Move exposed person to fresh air. Get medical attention if adverse health effects persist or are severe.

Skin Contact: Quickly and gently blot away excess liquid. Wash gently and thoroughly with water (use non-abrasive soap if necessary) for 10 minutes or until chemical is removed. If irritation persists, repeat flushing and obtain medical advice.

Eye Contact: Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 10 minutes or until the product is removed, while holding the eyelid(s) open. Obtain medical advice immediately if irritation occurs. Take special care if exposed person is wearing contact lenses.

Ingestion: If swallowed, do NOT induce vomiting. Wash mouth with water and contact a Poisons Information Centre, or call a doctor immediately.

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SECTION 10 - STABILITY AND REACTIVITY

Reactivity: This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.

Conditions to Avoid: Store in the closed original container in a dry, cool, well-ventilated area out of direct sunlight and do not expose to temperatures exceeding 50 °C.

Incompatibilities: strong acids, strong bases, strong oxidising agents.

Fire Decomposition: Only small quantities of decomposition products are expected from this product at temperatures normally achieved in a fire. This will only occur after heating to dryness. Combustion forms carbon dioxide, and if incomplete, carbon monoxide and possibly smoke. Water is also formed.

Polymerisation: This product will not undergo polymerisation reactions.

SECTION 11 - TOXICOLOGICAL INFORMATION

Toxicity Data

Butane	LC50 (Inhalation):	658 g/m ³ /4 hours (rat)
Ethanol	LC50 (Inhalation):	2000 ppm/10 hours (rat)
	LD50 (Ingestion):	3450 mg/kg (mouse)
Cypermethrin	LC50 (Inhalation):	7889 mg/m ³ /4hrs (rat)
	LD50 (Ingestion):	24750 µg/kg (mouse)
	LD50 (Skin):	1600 mg/kg (rat)
Imiprothrin	LD50 (Ingestion):	1600 mg/kg (rat)
	LD50 (Skin):	>2000 mg/kg
	LC50 (Inhalation):	> 1,200 mg/m ³

CLASSIFICATION OF HAZARDOUS INGREDIENTS

Ingredient	Risk Phrases
Cypermethrin	An; R22
Imiprothrin	An; R22

SECTION 12 - ECOLOGICAL INFORMATION

Environment: Limited ecotoxicity data was available for this product at the time this report was prepared. Ensure appropriate measures are taken to prevent this product from entering the environment.

Ecotoxicity: High toxicity to aquatic organisms.

Degradability: This product is biodegradable.

Mobility: This product is not likely to volatilise rapidly into the air due to its low vapour pressure. It is not likely to move rapidly with surface or groundwater flows because of its low water solubility.

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal: Special help is available for the disposal of Agricultural Chemicals. The product label will give general advice regarding disposal of small quantities, and how to cleanse containers. However, for help with the collection of unwanted rural chemicals, contact ChemClear 1800 008 182 <http://www.chemclear.com.au/> and for help with the disposal of empty drums, contact DrumMuster <http://www.drummuster.com.au/> where you will find contact details for your area.

SECTION 14 - TRANSPORT INFORMATION

ADG Code: This product is classified as a Dangerous Good by ADG.

UN No:	1950 2.1
DG Class:	None Allocated
Subsidiary Risk(s):	None Allocated
Pig Group:	None Allocated
Hazchem Code:	2YE
EPG:	2D1



SECTION 15 - REGULATORY INFORMATION

AICS: All of the significant ingredients in this formulation are compliant with NICNAS regulations. The following ingredients: cypermethrin, imiprothrin, are mentioned in the SUSMP.

SAFETY DATA SHEET

SECTION 16 - OTHER INFORMATION

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

If there is any conflict between this SDS and the registered label, instructions on the label prevail.

Acronyms:

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail (7 th edition)
AICS	Australian Inventory of Chemical Substances
SWA	Safe Work Australia, formerly ASCC and NOHSC
CAS number	Chemical Abstracts Service Registry Number
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially fire-fighters
IARC	International Agency for Research on Cancer
NOS	Not otherwise specified
NTP	National Toxicology Program (USA)
R-Phrase	Risk Phrase
SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
UN Number	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.

SAFETY DATA SHEET