

PestXpert DIY Pest Control Like The Professionals Pro-Spray Indoor-Outdoor Multi Insect Contact and Residual Barrier Spray - REFILL**SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

Product Name: PestXpert DIY Pest Control Like The Professionals Pro-Spray Indoor-Outdoor Multi Insect Contact and Residual Barrier Spray - REFILL

Other Names: None

Recommended Use: Home and garden insecticide

Company: Sumitomo Chemical Australia Pty Ltd
A.B.N. 21 081 096 255

Address: 51 Rawson Street, Epping, NSW 2121

Telephone Number: (02) 8752 9000 (Mon–Fri 8am–5pm EST)

Emergency Telephone Number: 1800 024 973 (24 hours) (EMERGENCIES ONLY)

Website: www.sumitomo-chem.com.au

SECTION 2: HAZARDS IDENTIFICATION

Hazard Classification: Not hazardous according to the criteria of NOHSC

ADG Classification: Not classified as a Dangerous Good (under the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code)).

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Identity	CAS number	Proportion (%w/v)
Esfenvalerate	66230-04-4	0.1%
Ingredients determined not to be hazardous	-	to 100%

SECTION 4: FIRST AID MEASURES

If poisoning occurs, immediately contact a doctor or Poisons Information Centre (Phone Australia 131126; New Zealand 0800 764 766), and follow the advice given. Show this Material Safety Data Sheet to a doctor.

General: In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

Swallowed: If swallowed, rinse mouth with water. Seek medical advice. Do not induce vomiting.

Skin contact: If on skin, remove contaminated clothing and wash skin thoroughly with soap and water. Launder contaminated clothing before re-use. Seek medical advice if irritation develops.

Eye contact: If in eyes, hold eyes open and flood with water for at least 15 minutes and seek medical advice.

Inhalation: If affected, remove from contaminated area to fresh air. If any signs or symptoms occur or persist, seek medical advice.

Note to physician: Apply basic aid and decontamination procedures. Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

Flashpoint:	NDA
Flammable limits:	NDA
Auto-ignition temperature:	NDA
Suitable Extinguishing Media:	Small fire: Use dry chemical, carbon dioxide or water spray. Large fire: Use water spray, fog or foam – do not use water jets.
Hazards from Combustion Products:	May emit toxic fumes under fire conditions, including NO _x , CO, CO ₂ .
Precautions for Fire Fighting and Special Protective Equipment:	Ensure respiratory equipment is available. Evacuate immediate area. Advise Fire Brigade of nature of hazard. Surrounding containers should be cooled using a fine water spray. All run-off must be contained.
Hazchem Code:	Not Applicable

SECTION 6: ACCIDENTAL RELEASE MEASURES

Emergency Telephone Number: 1800 024 973 (24 hours) (EMERGENCIES ONLY)

SPILLS

DO NOT allow chemical containers or spray to get into drains, sewers, streams or ponds.

Small Spills: Absorb spill with suitable absorbent, such as sawdust, sand, earth or non-combustible absorbent material. Sweep up and put into a container for disposal putting in the garbage. Do not wash to waterways

Large Spills: Stop leak if safe to do so by manoeuvring the container. Absorb spill with suitable absorbent, such as sawdust, sand, earth or non-combustible absorbent material. Sweep up and put into a container for disposal according to local regulations. Do not wash to waterways

Disposal: Contaminated material must be disposed of in accordance with all State and/or Local regulations.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling: DO NOT USE OR STORE near flame, sparks or hot surfaces. Keep container closed. Keep out of the reach of children, unauthorised persons and animals. After handling and before eating or drinking, wash hands, arms and face with soap and water. For personal protection, see Section 8.

Conditions for Safe Storage: Store in the closed, original container in a cool, dry place out of the reach of children. DO NOT store in direct sunlight.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

EXPOSURE STANDARDS

No exposure standards have been set for any of the ingredients in this product..

PERSONAL PROTECTIVE EQUIPMENT

None recommended. Wash hands after use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White opaque liquid
Odour:	Faint characteristic odour
pH:	6-8 at 20°C
Vapour Pressure:	NDA
Boiling Point:	NDA
Solubility in water:	Miscible in water
Density:	1.00 g/mL
Flashpoint:	NDA
Explosive Limits:	NDA
Ignition Temperature:	NDA

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability:	Stable under recommended storage and handling conditions (See Section 7).
Conditions to Avoid:	Avoid direct sunlight. Isolate from sources of heat, naked flames or sparks.
Incompatible Materials:	Alkaline materials and oxidising agents.
Hazardous Decomposition Products:	Emits toxic fumes under fire conditions (See also Section 5).
Hazardous Reactions:	NDA

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE HEALTH EFFECTS (Active Ingredient only)

Toxicology

Acute Oral LD50 (rat):	75-88 mg/kg
Acute Dermal LD50 (rat) :	>5,000 mg/kg
Acute Inhalation LC50 (rat):	480-570 mg/m³

Irritation

Skin:	Not a skin irritant
Eye:	Minimally irritating

SECTION 12: ECOLOGICAL INFORMATION

DO NOT contaminate ponds, waterways and drains with product or used containers.

ECOTOXICITY (Active Ingredient only)

Highly toxic to fish:	LC ₅₀ Rainbow trout (96 hr flow-through) = 0.1 µg/L
Highly toxic to aquatic invertebrates:	LC ₅₀ <i>Daphnia magna</i> (48 hr static) = 0.9 µg/L
Highly toxic to algae:	IC ₅₀ <i>Scenedesmus subspicatus</i> (96 hour) = 6.5 µg/L
Low toxicity to birds:	LD ₅₀ Mallard duck > 2250 mg/kg bw LD ₅₀ Bobwhite quail = 1312 mg/kg bw
Highly toxic to bees:	LD ₅₀ Bees (contact) = 0.017 µg/bee

ENVIRONMENTAL FATE

Esfenvalerate and its breakdown products are relatively immobile in soil and thus pose little risk to groundwater.

SECTION 13: DISPOSAL CONSIDERATIONS

Contaminated Packaging: Dispose of empty container by wrapping in paper, placing in plastic bag and putting in the garbage.

SECTION 14: TRANSPORT INFORMATION

Road/Rail/Sea/Air Not classified as dangerous in the meaning of Road/Rail (ADG), Sea (IMDG) and Air (ICAO/IATA) transport regulations.

Proper Shipping Name: Not Applicable

Class: Not Applicable

Sub Risk Class: Not Applicable

UN Number: Not Applicable

Hazchem Code: Not Applicable

Packing Group: Not Applicable

SECTION 15: REGULATORY INFORMATION

Registration Status: The product is registered with the Australian Pesticides and Veterinary Medicines Authority (APVMA), Approval Number 68626/58720.

SECTION 16: OTHER INFORMATION

Abbreviations:

NA Not Applicable

NDA No Data Available

Revision Date: 22 October 2013

Revision Number: 3

THE INFORMATION GIVEN IN THIS MSDS IS BASED ON DATA AVAILABLE AS OF THE REVISION DATE GIVEN HEREIN, AND BELIEVED TO BE CORRECT. EACH USER SHOULD READ THIS MSDS AND CONSIDER THE INFORMATION IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE INCLUDING IN CONJUNCTION WITH OTHER PRODUCTS. IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY.