

SAFETY DATA SHEET



Virbac New Zealand Limited.

Indorex Target

Section 1: Identification of the Substance and Supplier

Product name:	Indorex Target
Recommended use:	Household insecticidal flea bomb, for up to 12 months flea larvae control in carpets & furnishings
Company details:	Virbac New Zealand Limited
Address:	26 -30 Maui St, Pukete, Hamilton
Telephone number:	(09) 273 9501
Customer service toll free number:	0800 VIRBAC (0800 847 222) (Mon – Fri, 8.30 am – 4.30 pm) www.virbac.co.nz
Emergency telephone number:	National Poison Center: 0800 POISON (0800 764 766) New Zealand Emergency Service 111
Date of preparation:	August 2017

Section 2: Hazards Identification

Hazard classifications:	2.1.2A, 6.3B, 6.4A, 6.5A, 6.5B, 9.1A, 9.4B
Priority identifier:	DANGER KEEP OUT OF REACH OF CHILDREN ECOTOXIC
Secondary identifiers:	2.1.2A = Extremely flammable aerosol 6.3B = Causes mild skin irritation 6.4A = Causes serious eye irritation 6.5A = May cause allergy or asthma symptoms or breathing difficulties if inhaled 6.5B = May cause an allergic skin reaction

Precautionary information:

9.1A = Very toxic to aquatic life.
9.4B = Toxic to terrestrial invertebrates
Read label before use
Keep away from heat/sparks/open flames/hot surfaces
Do not spray on an open flame or other ignition source
Do not pierce or burn, even after use
Wash hands thoroughly after handling
Wear eye and face protection
Avoid breathing mist/spray
Contaminated work clothing should not be allowed out of the workplace
Do not breath mist/spray
Do not eat , drink or smoke when using this product
Avoid release to the environment

Section 3: Composition / Information on Ingredients

Product components:	Ingredients	CAS Number	Proportion
	Permethrin	52645-53-1	< 0.1%
	Pyriproxyfen	95737-68-1	< 0.1%
	Piperonyl butoxide	51-03-6	1.8%

Section 4: First Aid Measures

Eye Contact:	Rinse eyes cautiously with a large quantity of water for several minutes. If irritation occurs and persists, seek medical advice.
Skin Contact	Wash off skin with water and soap. If skin irritation occurs and persists, seek medical advice.
Inhalation:	Remove the person to fresh air. If breathing difficulties are experienced, seek medical advice.
Ingestion:	Rinse mouth with water. Give plenty of water to drink. Contact a doctor or call the National Poisons Center on 0800 POISON (0800 764 766).
Workplace facilities:	No specific workplace facilities required.
Required instructions:	Avoid contact with skin and eyes. If skin or

eyes irritation occurs wash off immediately.
DO NOT eat, drink or smoke while using.
Wash hands immediately after handling.

Notes for medical personnel:

No specific antidote is available. If poisoning is suspected apply symptomatic treatment.

Section 5: Firefighting Measures

Type of hazard:	Extremely flammable aerosol
Fire hazard properties:	May be violently or explosively reactive.
Regulatory requirements:	N/A
Extinguishing media and methods:	Water spray or fog / foam / dry chemical powder / carbon dioxide.
HAZCHEM:	2Y
Recommended protective clothing:	Breathing apparatus and gas tight chemical resistant suit.

Section 6: Accidental Release Measures

Emergency procedures:	Wear sufficient respiratory protection where necessary and protective clothing to minimize skin exposure. If possible contain the spill. Place inert absorbent such as vermiculite, sand or dirt onto material. Use clean, non-sparking tools to collect the material and place into a suitable labeled container.
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Section 7: Handling and Storage

Precautions for safe handling:	Keep away from flames and hot surfaces. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Wash hands thoroughly after handling. Wear protective gloves when handling. Avoid breathing Mist/spray. In case of inadequate ventilation wear respiratory protection. Contaminated work clothing should not be allowed out of the workplace. Avoid contamination of any water supply with chemical or empty container.
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Approved handlers:	Approved handler required for quantities greater than 3,000L.
Conditions for safe storage:	Protect from sunlight. Do not expose to temperatures exceeding 50°C
Store site requirements:	Store in tightly closed original container in a cool, dry well-ventilated area out of direct sunlight. Store away from foodstuffs, children and animals.
Packing:	No specific packaging requirement.

Section 8: Exposure Controls / Personal Protection

Workplace Exposure Guidelines:	No working exposure standards have been established.
Exposure standards outside the workplace	No tolerable exposure limit (TEL) or environmental exposure limit (EEL) are set for this substance at this time.
Engineering controls:	Use dust extraction systems in the manufacture, handling, storage, and clean up so that airborne dust is minimized. Do not allow the dust to build up on walls, roof, or machinery.
Personal protective Equipment (PPE):	When handling bulk quantities, wear suitable gloves, safety glasses and protective clothing, to avoid prolonged breathing of dust or contact of dust with skin. Wash thoroughly with soap and water after handling.

Section 9: Physical and Chemical Properties

Appearance:	Aerosol can with dry distinct odor spray
Boiling Point:	N/A
Vapor Pressure:	400 – 500 KPa at 20°C
Specific Gravity:	N/A
Flammability Limits:	N/A
Solubility in Water:	Miscible

Section 10: Stability and Reactivity

Stability of the substance:	Stable under normal conditions of use.
Conditions to avoid	Moisture and excessive heat
Material to avoid:	N/A
Hazardous decomposition products:	In Fire: Carbon monoxide, carbon dioxide, hydrogen
Hazardous polymerization:	N/A
Specific Data	N/A

Section 11: Toxicological Information

Eye Contact	Causes serious eye irritation
Skin Contact	Harmful in contact with skin. Will irritate the skin.
Inhalation	May cause dizziness, disturbances of vision, drowsiness, respiratory irritation and eye, skin and mucous membrane irritation.

Section 12: Ecological Information

Very ecotoxic in the aquatic environment	Acute toxicity – all values \leq 1mg/L 96-hour LC ₅₀ (for fish) 48-hour EC ₅₀ (for crustacean) 72- or 96-hour ErC ₅₀ (for algae or other aquatic plants) This class may be subdivided for some regulatory systems to include a lower band at L(E)C ₅₀ \leq 0.1mg/L Reference from [User Guide to the HSNO Thresholds and Classifications]
Potential environmental interactions:	The following information refers to Permethrin: Permethrin is considered highly toxic to fish, with 96-h LC ₅₀ values ranging from 0.62 µg/litre for larval rainbow trout to 314 µg/litre for adult rainbow trout.* Permethrin is highly toxic for honey bees. The topical LD ₅₀ is 0.11µg/bee.* Permethrin has very low toxicity to birds when given orally or fed in the diet. The LD ₅₀ is > 3000 mg/kg body weight for acute single oral dosage and for dietary exposure it is >5000 mg/kg diet.*

Permethrin has a moderate rate of degradation in soil with a half-life of 28 days or less. *

Permethrin deposited on plants degrades with a half-life of approximately 10 days.*

In general, the degradative processes which occur in the environment lead to less toxic products.*

* Reference from [INCHEM]

Section13: Disposal Considerations

Disposal information:

Ensure container is completely empty before disposal.
Dispose of containers at local authority landfill that does not burn its refuse.
DO NOT burn empty containers.
Avoid contamination of any water supply with chemical or empty container.
Toxic to fish. Do not contaminate dams, rivers, streams or other waterways with product or empty container.

Section14: Transport Information

Transport information:

Dangerous Goods Classification
UN No:1950
Class: 2.1
Packing Group: None
Shipping Name: Aerosols

Section15: Regulatory Information

Registration number: N/A

HSNO Classification: N/A

For a full listing of controls see <http://www.ermanz.govt.nz>

Section 16: Other Information

None

For product information visit the Virbac website www.virbac.co.nz
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