

SAFETY DATA SHEET

Product Name: NO Bugs Indoor Ready to Use

Issue Date: 19/06/2018

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1. PRODUCT AND COMPANY INFORMATION

Product Name:	NO Bugs Indoor Ready to Use
Synonyms:	No Bugs Indoor RTU
Relevant identified uses:	Ready to use insecticide containing 0.15 g/L Deltamethrin and 0.30 g/L Pyrethrum
Molecular Formula:	Mixture
Supplier:	Kiwicare Corporation Limited
Street Address:	225 Maces Road, Bromley, Christchurch, 8062 New Zealand
Postal Address:	P.O Box 15050, Aranui, Christchurch, 8643 New Zealand
Telephone	+64 3 389 0778
Email:	info@kiwicare.co.nz
Website:	www.kiwicare.co.nz
Emergency Contact Numbers:	0800 764 766 (0800 POISON)
National Poisons Centre:	0800 764 766 (0800 POISON)

2. HAZARDS IDENTIFICATION

HSNO Hazard Classification	Transport of Dangerous Goods Pictogram	GHS Pictogram	Signal word	Hazard statement code	Precautionary statement codes			
					Prevention	Response	Storage	Disposal
6.5B	Not applicable for the UN RTDG Model Regulations		Warning	H317	P103 ^b P261 P272 P280	P302 + P352 P333 + P313 P321 P363	No storage statements	P501
9.1A			Warning	H400/H410 ^m	P103 ^b P273	P391	No storage statements	P501

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9.4C	Not applicable for the UN RTDG Model Regulations	No Pictogram	No Signal Word	H443	P103 ^b P273	No response statements	No storage statements	P501
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Dangerous Goods:

Class 9; Signal word = Warning

Packaging Group:

III

Hazardous Substance (HSNO) Codes:

6.5B Dermal sensitizer

9.1A (Very ecotoxic to the aquatic environment)

9.4C (Harmful to terrestrial invertebrate)

Hazard Statements:

H317: May cause an allergic skin reaction.

H400 / H410: Very toxic to aquatic life / Very toxic to aquatic life with long lasting effects.

H443: Harmful to terrestrial invertebrate.

Precautionary Statements:

P103: Read label before use.

P261: Avoid breathing spray.

P272: Contaminated work clothing should not be allowed out of the workplace.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P321: See first aid instruction on the label.

P363: Wash contaminated clothing before reuse.

P391: Collect spillage.

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

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P501: In the case of a substance that is in compliance with a HSNO approval other than a Part 6A (Group Standards) approval, a label must provide a description of one or more appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Regulations 2001. This may also include any method of disposal that must be avoided.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Recommended Use: To control bugs

Appearance: Translucent thin fluid

Ingredients

Ingredients	CAS #	Content g/L or %
Deltamethrin	52918-63-5	0.15 g/L
Pyrethrum	8003-34-7	0.30 g/L
Triethanolamine	102-71-6	<0.05 %
Other ingredients	N/A	To 100 %

4. FIRST AID MEASURES

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

Ingestion: No acute oral toxicity, if in mouth, rinse mouth. Do NOT induce vomiting. Seek medical advice or call NZ Poisons Centre on 0800 764 766. If medical advice is needed have product label at hand.

Eye Contact: Unlikely to cause eye irritation. Rinse opened eye for several minutes under running water. If irritation persists seek medical advice or call NZ Poisons Centre on 0800 764 766. If medical advice is needed have product label at hand.

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4. FIRST AID MEASURES

Skin Contact:	Unlikely to cause skin irritation, avoid skin contact. If on skin, rinse skin with copious amounts of water and wash with soap and water. If you feel unwell seek immediate medical advice.
Inhalation:	If symptoms develop move the exposed person to fresh air. Immediately obtain medical advice. Unlikely to present an inhalation hazard as the product is a stable liquid. If breathing problems develop, seek medical advice or call NZ Poisons Centre on 0800 764 766. If medical advice is needed have product label at hand.
Advice for Medical Doctors:	Treat symptomatically. Call a doctor or poison control centre for guidance, or call NZ Poisons Centre on 0800 764 766.

5. FIRE FIGHTING MEASURES

Specific Hazards:	Clear fire area of all non-emergency personnel.
Suitable Extinguishing Media:	Water spray, foam, CO ₂ , dry chemical or any class B extinguishing agent.
Fire Fighting Advice:	Fire fighters should wear full protective gear, including self-contained breathing apparatus (AS/NZS 1715/1716). Keep unnecessary people away and move all other personnel to windward side of fire. Bund area with sand or earth to prevent contamination of drains or waterways. Dispose of fire control water or other extinguishing agent and spillage safely later.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions:	Prevent leakage or spillage if safe to do so.
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6. ACCIDENTAL RELEASE MEASURES

Minor Spills (Up to 20 L):

Wear protective clothing. Clear area of unprotected personnel. Contain spill and collect. Do not allow product or washings to enter the waterways or sewer.

Major Spills (more than 20 L):

Wear protective clothing. Clear area of unprotected personnel. Contain spill and collect. Do not allow product or washings to enter the waterways or sewer. If spill does enter waterway contact local authority. Contaminated absorbent and wash water should be disposed of according to local and national regulations.

Collect in an appropriate sealable container for disposal in an approved landfill or incinerate at an authorised installation.

7. HANDLING AND STORAGE

Precautions for safe handling:

Avoid prolonged or repeated contact with skin. Avoid inhaling mists. When handling product in drums, safety footwear should be worn and proper handling equipment should be used. Keep away from sources of ignition – No smoking, eating or drinking while handling this product. Always use good personal hygiene procedures when handling this product. Wash hands and face before eating, drinking or smoking. Read the label before use.

Conditions for safe Storage including incompatibilities:

Keep out of the reach of children. Store in original container in a cool, dry, ventilated place, away from direct heat of sunlight. Store away from foodstuffs, children and animals. Do not allow product to get wet in storage.

Protection against fire and explosion:

Keep away from heat sources even though the product is not combustible. The product is not explosive. Keep away from oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards:	See 'Exposure limits' below (Workplace Exposure Standards and Biological Exposure Indices 8 th edition)
Engineering Controls:	General ventilation. Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work.
Hand protection:	Suitable chemical resistant gloves are recommended for applicants.
Eye protection:	Wear safety glasses or full face shield if splashes are likely to occur.
Body protection:	Body protection must be chosen depending on activity and possible exposure, for example apron, protecting boots. Skin protection not ordinarily required beyond standard issue work clothes. It is good practice to wear chemical resistant gloves.
General safety and hygiene measures:	Handle in accordance with good hygiene and safety practice. Wearing of closed work clothing is recommended. Avoid contact with the skin, eyes and clothing. Store work clothing separately.
Environmental Exposure Controls:	Minimise release to the environment. An environmental assessment must be made to ensure compliance with local environmental legislation.

T		TWA		STEL	
		ppm	mg/m ³	ppm	mg/m ³
Substance	CAS #				
Triethanolamine	[102-71-6]		5		

Additional New Zealand EPA controls:

- If total pool substance is $\geq 100\text{L}$ or Kg, then this needs secondary containment system and signage
- Must be used under the personal control of an approved handler when the substance is:
 1. Applied in a wide dispersive manner
 2. Used by a commercial contractor

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Code	Regulation	Description
Water	Section 77A	The substance shall not be applied onto or into water ³ .
Stationary Container Systems	Schedule 8	This schedule prescribes the controls for stationary container systems. The requirements of this schedule are detailed in the consolidated version of the Hazardous Substances (Dangerous Goods and Scheduled Toxic Substances) Transfer Notice 2004.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odour:	Translucent thin fluid
Solubility:	Soluble
Specific Gravity:	0.98 - 1.00 g/ml
Boiling Point:	≥ 100 °C
Viscosity:	#2 spindle 12 RPM: 450 – 1200 CPS
Flash Point:	> 93 °C
pH Value:	5.0 – 6.3
Formula:	Mixture
Chemical Family:	Pyrethroid + Pyrethrum
Other:	None allocated
Oxidising Agents:	Not an oxidant
Exposure Standards (TLV-TW):	Refer to section 8
Engineering Controls:	Refer to section 8

10. STABILITY AND REACTIVITY

Stability & Chemical reactivity:	Stable under normal conditions of use. Not explosive or oxidising.
Incompatibility or conditions to be avoid:	Avoid strong oxidising agents. Avoid heat, sparks and open flame.

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10. STABILITY AND REACTIVITY

Corrosive Properties:	None corrosive.
Thermal Decomposition:	The formation of toxic/irritant gases/vapours may occur if heated.

11. TOXICOLOGICAL INFORMATION

The relevant hazard classes on ingredients:

Deltamethrin (52918-63-5):	6.1B (oral), 6.1C (inhale, dermal); 6.3B; 6.4A; 6.9A & B (oral & inhale); 9.1A; 9.2C; 9.3A; 9.4A. LD ₅₀ rat oral = 31 ppm; LD ₅₀ rat dermal = 700 ppm; LC ₅₀ rat inhale = 0.79 ppm
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For the substance (final product):

Skin corrosion/irritation:	Unlikely to cause skin irritation.
Serious eye damage/eye irritation:	It is unlikely to cause eye damage or irritation.
Respiratory or skin sensitization:	May cause skin sensitisation.
Germ cell mutagenicity:	Not mutagenic.
Carcinogenicity:	Not carcinogenic.
Reproductivity:	Not a reproductive toxicant.
Acute Toxicity:	Acute LD ₅₀ > 5000 mg/kg (Rat)
Chronic Toxicity:	Unlikely to cause damage to organs through prolonged or repeated exposure.

12. ECOTOXICITY INFORMATION

Ecological information of substance:	HSNO 9.1A or GHS H400/410; Very ecotoxic in the aquatic environment. HSNO 9.4C or GHS H443. Harmful to terrestrial invertebrates.
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12. ECOTOXICITY INFORMATION

Deltamethrin (52918-63-5):	9.1A; 9.2C; 9.3A; 9.4A. LC ₅₀ Mysid = 0.0017 ppb; LD ₅₀ = 0.0125 µg/g house fly;
Rapid degradable & Bioaccumulative:	The active ingredient Deltamethrin is not rapid degradable and it is bioaccumulative.
Soil Toxicity:	Unlikely to cause any soil toxicity.

13. DISPOSAL CONSIDERATIONS

Waste treatment – recommendation:	In the case of a substance that is in compliance with a HSNO approval other than a Part 6A (Group Standards) approval, a label must provide a description of one or more appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Regulations 2001.
Container Disposal:	Empty containers can be sent to landfill after cleaning if in compliance with local and national regulations.

14. TRANSPORT INFORMATION

Road, Rail; Marine; and Air

UN Number:	3082
Dangerous Goods Class:	9
Hazchem Code:	3Z
Packaging Group:	III
Proper Shipping Name:	Environmentally hazardous substance, liquid N.O.S. – Deltamethrin, Pyrethrum.
Segregation:	None allocated

15. N.Z. REGULATORY INFORMATION

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15. N.Z. REGULATORY INFORMATION

EPA HSNO Number:	HSR100731
HSNO Classifications:	6.5B Dermal sensitizer 9.1A Very ecotoxic in the aquatic environment 9.4C Harmful to terrestrial invertebrates
HSNO Controls:	Refer to HSR100731
HSNO Approved codes of Practice:	Refer to HSR100731

To avoid risks to man and the environment, comply with the instructions for use.

This information should be considered when making any hazard assessment.

Classification and labelling according to Regulation:

(EC) No 1272/2008 [EU-GHS/CLP]

16. OTHER INFORMATION

SDS date of preparation:	26 / 09 / 2017
SDS date of revision:	26 / 09 / 2022
Emergency Contact	24 Hours
Work Hours	National Poisons Centre
Kiwicare Corporation	PO Box 913
225 Maces Road	Dunedin
PO Box 15050	Tel: 0800 764 766 (POISON)
Christchurch	
Tel: (03) 389 0778	
Fax: (03) 389 0669	

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16. OTHER INFORMATION

All Safety Data Sheets are subject to review and should not be left longer than five years before and update is obtained.

For further information visit the Kiwicare web site, www.kiwicare.co.nz, or contact the supplier.

The information in this document should be made available to all who may handle the product. For proper and safe use of this product, please refer to the product label.

This information is based on data believed by Kiwicare Corporation Limited to be accurate at the time of writing. It is given in good faith but no warranty expressed or implied is made as to its accuracy, completeness or otherwise. Every person dealing with the materials referred herein does so at their own risk absolutely and must make independent determinations of suitability and completeness of information from all sources to ensure their proper use.

Attention is drawn to the application and safety instructions set out on the label. This sheet is not a substitute for safety, hazard or application instructions set out on the label. As Kiwicare Corporation Limited and their distributors have no control over storage or use of this product no liability for accident or damage will be accepted.

Abbreviations:

ADR: European agreement concerning the international carriage of dangerous goods by Road.

CLP: Classification, Labelling and Packaging

IMDG: International Maritime Dangerous Goods.

IATA: International Air Transport Association.

ICAO: International Civil Aviation Organisation

RID: Regulations concerning the International carriage of Dangerous goods by rail.

GHS: Global Harmonized System

EU: European Union

EC: European Commission

TLV: Threshold Limit Value

TWA: Time Weighted Average

STEL: Short-Term Exposure Limit

H Phrase: Hazard phrase

P Phrase: Precautionary phrase

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