

# SAFETY DATA SHEET

Product Name: NO Wasps Eliminator

Issue Date: 2/09/2015

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## 1. PRODUCT AND COMPANY INFORMATION

<b>Product Name:</b>	<b>NO Wasps Eliminator</b>
Synonyms:	Ready to Use Insecticidal Dust
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:	<a href="mailto:info@kiwicare.co.nz">info@kiwicare.co.nz</a>
Website:	<a href="http://www.kiwicare.co.nz">www.kiwicare.co.nz</a>
Emergency Contact Numbers:	
National Poisons Centre:	0800 764 766 (0800 POISON)

## 2. HAZARDS IDENTIFICATION

Dangerous Goods:	9
Packaging Group:	III
Hazardous Substance (HSNO) Codes:	6.9B (single & repeat exposure oral) – Harmful to human target organs or systems 9.1A – Very toxic to aquatic life 9.3C – Harmful to terrestrial vertebrates 9.4A – Very toxic to terrestrial invertebrates






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HSNO Hazard Classification	Transport of Dangerous Goods Pictogram	GHS Pictogram	Signal word	Hazard statement code	Precautionary statement codes			
					Prevention	Response	Storage	Disposal
6.9B (Single exposure)	Not applicable for the UN RTDG Model Regulations		Warning	H371	P103 <sup>b</sup> P260 P264 P270	P309 + P311	P405	P501
6.9B (Repeated exposure)	Not applicable for the UN RTDG Model Regulations		Warning	H373	P103 <sup>b</sup> P260	P314	No storage statements	P501
9.1A			Warning	H400/H410 <sup>m</sup>	P103 <sup>b</sup> P273	P391	No storage statements	P501
9.3C	Not applicable for the UN RTDG Model Regulations	No Pictogram	No Signal Word	H433	P103 <sup>b</sup> P273	No response statements	No storage statements	P501
9.4A	Not applicable for the UN RTDG Model Regulations		Warning	H441	P103 <sup>b</sup> P273	P391	No storage statements	P501

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Recommended Use:

Appearance:

#### Ingredients

Ingredients	CAS #	Content % w/w or w/v
Permethrin	52645-53-1	2.6%
Silica amorphous, fumed	112945-52-5	2%
Diatomaceous earth	61790-53-2	95.4%

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## 4. FIRST AID MEASURES

Ingestion:	If swallowed, this product may cause gastrointestinal tract irritation. If ingestion occurs, do not induce vomiting. To dilute the ingested product, give affected person one or two glasses of water or milk. Never give an unconscious person anything by mouth. Place in recovery position. Obtain medical advice immediately.
Eye Contact:	May cause eye irritation. Check for and remove any contact lenses if easy to do so. Do not use an eye ointment. Flush eyes with running water for 15 minutes holding eyelids open if necessary. Seek medical advice.
Skin Contact:	May cause mild skin irritant. Avoid contact with skin. If skin contact occurs wash off with soap and water. If skin irritation occurs get medical advice.
Inhalation:	May cause irritation of upper respiratory tract. If ill effects persist call a doctor. Seek immediate medical attention.
Notes to Physician:	None allocated.

## 5. FIRE FIGHTING MEASURES

Specific Hazards:	Clear fire area of all non-emergency personnel.
Suitable Extinguishing Media:	Water spray, foam, CO <sub>2</sub> , dry chemical or any class B extinguishing agent.
Fire Fighting Advice:	For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment. This may include self-contained breathing apparatus to protect against the hazardous effects of normal products of combustion or oxygen deficiency. Equipment should be thoroughly cleaned after use. Read the entire document.

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## 6. ACCIDENTAL RELEASE MEASURES

Spill Clean-up:

Minor Spills (Up to 20 L):

Floor may be slippery if wet. Wear protective clothing. Clear area of unprotected personnel. Contain spill and collect powder, if wet absorb with Sand, Soil or absorbent granules. Do not allow product or washings to enter the waterways or sewer. 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 incinerated at an authorised installation.

Major Spills (more than 20 L):

Floor may be slippery if wet. Wear protective clothing. Clear area of unprotected personnel. Contain spill and collect powder, if wet absorb with Sand, Soil or absorbent granules. 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

Handling:

Rinse out empty containers and do not use for any other purpose.

Storage:

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. Keep container sealed when not in use.

All aspects of storage, handling, use and record keeping must be in accordance with NZS 8409-2004 "Management of Agrichemicals" and local and regional council.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards:	None allocated.
Engineering Controls:	Always use with adequate ventilation.
Personal Protection:	Avoid all personal contact. Wear suitable protective clothing. Wash protective clothing before storage or reuse. Wash hands after use and before, using tobacco products, or toilet facilities.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odour:	White powder with no detectable odour
Solubility:	Insoluble in water
Specific Gravity:	None allocated
Boiling Point:	None allocated
Freezing Point:	None allocated
Melting Point:	None allocated
Vapour Pressure:	None allocated
Coefficient of Cubic Expansion:	None allocated
Relative Vapour Density:	None allocated
Decomposition Point:	None allocated
Viscosity:	None allocated
Flash Point:	None allocated
Electrostatic Generation:	None allocated
Auto-ignition Temperature:	None allocated
% Volatile by Volume:	None allocated
Flammable Limits:	None allocated

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

pH Value:	3.7 - 4.7
Evaporation Rate:	None allocated
Explosion Hazard:	None allocated
Formula:	None allocated
Molecular Weight:	None allocated
Chemical Family:	None allocated
Other:	None allocated
Oxidising Agents:	None allocated
Acids:	None allocated
Alkalis:	None allocated
Salt or Freshwater:	None allocated
Exposure Standards (TLV-TW):	None allocated
Engineering Controls:	None allocated

## 10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions of use
Incompatibility:	None known
Corrosive Properties:	Not corrosive
Thermal Decomposition:	None

## 11. TOXICOLOGICAL INFORMATION

General:

Acute Effects

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## 11. TOXICOLOGICAL INFORMATION

Ingestion:	Single dose oral toxicity is considered to be low. Acute oral LD <sub>50</sub> (rabbit) > 5000 mg/kg. Irritation discomfort may occur
Eye Contact:	May cause mildly irritating to the eyes
Skin Contact:	Not irritating to the skin. Acute dermal LD <sub>50</sub> (rabbit) > 5000 mg/kg. A single prolonged exposure is not likely to result in the material being absorbed through the skin in harmful amounts
Inhalation:	Low inhalation toxicity. Acute Inhalation LC <sub>50</sub> (rat) > 5.27 mg/L/1 hour. It may irritate the mucous membranes of the respiratory tract
Long Term Effects:	May cause dermal irritation
Acute Toxicity:	Negligible
Chronic Toxicity:	Negligible

## 12. ECOTOXICITY INFORMATION

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## 12. ECOTOXICITY INFORMATION

### Environmental Effects:

Ready to Use Insecticidal Dust is considered highly toxic to fish and aquatic arthropods and has LC<sub>50</sub> values which below 1 mg/L. The aquatic arthropods tend to be some of the more sensitive species. Marine species are often more sensitive than freshwater species. Ready to Use Insecticidal Dust is very slight toxic to birds and the Acute Oral LD<sub>50</sub> values are greater than 5000 mg/kg. Do not contaminate sewers, drains, dams, creeks or any other waterways with product or the used container.

The active ingredient permethrin has a moderate rate of degradation in soil. It is stable over a wide range of pH values. Because permethrin has a high affinity for organic matter, there is little potential for movement in the soil or entry into ground water. Because of the ease with which biological systems degrade the molecule, the potential for bio-concentration and accumulation in the environment is low.

## 13. DISPOSAL CONSIDERATIONS

### Product Disposal:

Dispose of product only by using according to label or using an approved waste disposal contractor. If this material as supplied becomes a waste care should be taken to ensure compliance with national and local authorities. It is the responsibility of the waste generator to determine the toxicity and physical properties of the waste generated to determine the proper waste identification and disposal methods in compliance with applicable regulations. Do not dispose of via municipal sewers, drains, natural streams or rivers.

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## 13. DISPOSAL CONSIDERATIONS

Container Disposal:

Empty packaging should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor. Care should be taken to ensure compliance with national and local authorities.

Packaging may still contain product residue that may be harmful. Incinerate via approved incinerators or crush and bury in an approved landfill. Ensure that empty packaging is managed in accordance with Dangerous Goods and HSNO regulations.

## 14. TRANSPORT INFORMATION

### Road and Rail

UN Number:	3077
Dangerous Goods Class:	9
Hazchem Code:	2Z
Packaging Group:	III
Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Contains 2.6% Permethrin).

Segregation:

### Marine

UN Number:	3077
Class:	9
Packaging Group:	III
Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Contains 2.6% Permethrin).

### Air Transport

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## 14. TRANSPORT INFORMATION

UN Number:	3077
Class:	9
Packaging Group:	III
Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Contains 2.6% Permethrin).

## 15. N.Z. REGULATORY INFORMATION

EPA HSNO Number:	HSR101044
HSNO Classifications:	6.9B (single & repeat exposure oral) – Harmful to human target organs or systems 9.1A – Very toxic to aquatic life 9.3C – Harmful to terrestrial vertebrates 9.4A – Very toxic to terrestrial invertebrates
HSNO Controls:	See EPA website
HSNO Approved codes of Practice:	See EPA website.

## 16. OTHER INFORMATION

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 three years before and update is obtained.

For further information visit the Kiwicare web site, [www.kiwicare.co.nz](http://www.kiwicare.co.nz), or contact the supplier.

The information in this document should be made available to all who may handle the product

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