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**Description:** Mortein Odourless Mozzie Zapper Liquid Refill

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**1. PRODUCT and COMPANY IDENTIFICATION**

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**Product Name** Mortein Odourless Mozzie Zapper Liquid Refill

**Other Names** None

**Product Code(s)** 008387 25mL

**Recommended Use** Household insecticide used in conjunction with electronic vapouriser.

**Supplier**

**AUSTRALIA**

**COMPANY:** Reckitt Benckiser (Australia) Pty Limited  
**ABN:** 17 003 274 655  
**ADDRESS:** 44 Wharf Road  
West Ryde NSW 2114  
**TELEPHONE:** (02) 9857 2000

**AFTER HOURS EMERGENCY TELEPHONE**

(5pm to 8am EST Australia): (02) 9857 2444

**NEW ZEALAND**

**COMPANY:** Reckitt Benckiser (New Zealand) Limited  
**ADDRESS:** Lincoln Manor  
289 Lincoln Road  
Henderson Auckland 1231  
**TELEPHONE:** (09) 839 0200

**Poisons Centre Information**

**AUSTRALIA** 13 1126  
**NEW ZEALAND** 0800 764 766 or 0800 POISON

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**2. HAZARD(S) IDENTIFICATION**

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**HAZARDOUS ACCORDING TO NOHSC CRITERIA**

## NON-DANGEROUS GOODS ACCORDING TO ADG CODE (See Section 14)

**RISK PHRASE(S)** (See Section 15) R65 Harmful: may cause damage to lungs if swallowed.  
R50/53 Very toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

**SAFETY PHRASE(S)** S2 Keep out of the reach of children  
S23 Do not breathe vapour  
S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label  
S51 Use only in well-ventilated areas  
S61 Avoid release into the environment

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### 3. COMPOSITION / INFORMATION ON INGREDIENTS

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Chemical Name	CAS No	Proportion (%w/w)	
Hydrocarbon solvent <sup>1</sup>	64742-46-7	>60	
Butylated hydroxytoluene		128-37-0	<10
Allethrin 20:80	584-79-2	5.4	

<sup>1</sup> The full refining history is known for the hydrocarbon solvent in this formulation and the supplier advises that the hydrocarbon solvent would not be classified as a known carcinogen.

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### 4. FIRST AID MEASURES

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**Eye Contact** Wash eyes with a large amount of water. If irritation occurs and persists, contact a doctor.

**Skin Contact** Wash off skin with soap and water. If irritation occurs and persists, contact a doctor.

**Inhalation** Remove to fresh air. If breathing difficulties are experienced, seek medical attention.

**Ingestion** Give 2 glasses of water to drink. Contact a doctor or a Poisons Information Centre

**Advice to Doctor:** Treat symptomatically.

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### 5. FIRE-FIGHTING MEASURES

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**Specific Dangers** None known.

**Flammability** Not flammable.

**Extinguisher Type** Water, foam, carbon dioxide

**Hazchem code** None allocated

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### 6. ACCIDENTAL RELEASE MEASURES

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**Emergency and Evacuation Procedures** Ensure adequate ventilation. Remove all sources of ignition and avoid generating sparks or static discharge.

**Minor Spills** Mop up spill and wash area with detergent. and water.

**Major Spills** Contain spill. Collect product using a suitable adsorbent material such as vermiculite. Shovel material into a clean, dry, labelled container and close lid tightly. Do not allow product to enter waterways.

## 7. HANDLING AND STORAGE

**Handling** No specific requirements.

**Storage** Store in a cool dry area out of direct sunlight.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Standards

**Australia** Exposure Standards<sup>(1)</sup> have been set for the following ingredients:

Ingredient	CAS No. <sup>(a)</sup>	TWA		STEL		Carcinogen Category	Notes
		ppm <sup>(b)</sup>	mg/m <sup>3(c)</sup>	ppm <sup>(b)</sup>	mg/m <sup>3(c)</sup>		
Butylated hydroxy toluene	128-37-0	-	10	-	-	-	-

**New Zealand** Exposure Standards<sup>(3)</sup> have been set for the following ingredients:

Ingredient	CAS No. <sup>(a)</sup>	TWA		STEL	
		ppm <sup>(b)</sup>	mg/m <sup>3(c)</sup>	ppm <sup>(b)</sup>	mg/m <sup>3(c)</sup>
Butylated hydroxy toluene	128-37-0	-	10	-	-

TWA = Time Weighted Average  
STEL = Short Term Exposure Limit

<sup>(1)</sup> Worksafe Australia Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003 1995]

<sup>(3)</sup> Workplace Exposure Standards endorsed by the Occupational Safety and Health Service (OSH) of the Department of Labour; Revised: January 2002

<sup>(a)</sup> CAS #, Chemical Abstracts Service Registry. A unique numbering identifier is assigned to each individual chemical.

<sup>(b)</sup> Parts of vapour or gas per million of contaminated air by volume at 25°C and 760 torr.

<sup>(c)</sup> Milligrams of substance per cubic metre of air.

**Engineering Controls** Ensure adequate ventilation. Maintain air concentrations below exposure standards.

**Personal Protection** When handling bulk quantities, wear suitable safety glasses, protective clothing and impervious gloves. When ventilation is insufficient, a suitable respirator should be worn.

**Work/Hygienic Practices** Wash thoroughly with soap and water after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State** Liquid

**Appearance** Clear

**Colour** Colourless

<b>Boiling Point</b>	273 - 311°C (solvent)
<b>Vapour Pressure</b>	<0.013 kPa at 20°C
<b>Specific Gravity</b>	0.818 g/mL at 15°C
<b>Flashpoint</b>	118°C (solvent)
<b>Solubility in Water</b>	Insoluble

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## 10. STABILITY AND REACTIVITY

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<b>Stability</b>	Stable under normal conditions.
<b>Dangerous Reactions</b>	None known.
<b>Decomposition Products</b>	Products may include oxides of carbon.

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## 11. TOXICOLOGICAL INFORMATION

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<b>Acute Effect(s)</b>	
<b>Eye</b>	May cause irritation to the eye.
<b>Skin</b>	May cause irritation to the skin.
<b>Inhaled</b>	Mists/vapours may cause irritation to the upper respiratory tract.
<b>Swallowed</b>	Harmful. Hydrocarbon component can be aspirated into the lungs.
<b>Sensitisation</b>	Not expected to be a skin sensitiser.
<b>Chronic Effect(s)</b>	The chronic toxicity of this product has not been determined.
<b>Toxicity Information</b>	Information is based on available component data and their concentrations in the product.

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## 12. ECOLOGICAL INFORMATION

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<b>Ecotoxicity</b>	Based on the component ecotoxicity data, it is very toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment. This classification applies to bulk quantities only.
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## 13. DISPOSAL CONSIDERATIONS

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<b>Disposal Method</b>	Product should be treated according to the instructions given under sections 6,7 and 8 above. Dispose of according to Local, State and Federal regulations. Contact relevant authority for details.
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## 14. TRANSPORT INFORMATION

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<b>Road Transport Regulations (ADG)</b>	
UN number:	None allocated
Proper shipping name:	None allocated
DG class:	Not classified as DG for transport (receptacles are less than 500L)

Subsidiary risk: None allocated  
Packing group: None allocated  
Hazchem code: None allocated

**Maritime Transport Regulations (IMDG)**

UN number: UN 3082  
Proper shipping name: Environmentally Hazardous Substance, Liquid, N.O.S. (d-Allethrin)  
DG class: 9  
Subsidiary risk: None allocated  
Packing group: III  
Marine Pollutant: Marine pollutant

**Air Transport Regulations (IATA)**

UN number: UN 3082  
Proper shipping name: Environmentally Hazardous Substance, Liquid, N.O.S. (d-Allethrin)  
DG class: 9  
Subsidiary risk: None allocated  
Packing group: III

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**15. REGULATORY INFORMATION**

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**AUSTRALIA**

**Regulatory Status** This product has been registered by APVMA, Australia ; APVMA No . 50749.

**Hazardous Substances Regulation** Hazardous

**Risk Phrase(s)** R65 May cause lung damage if swallowed.  
R50/53 Very toxic to aquatic organism. May cause long-term adverse effects in the aquatic environment.

**Safety Phrase(s)** S2 Keep out of the reach of children  
S23 Do not breathe vapour  
S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label  
S51 Use only in well-ventilated areas  
S61 Avoid release into the environment

**SUSDP** S5 (d-Allethrin and liquid hydrocarbons)

**NEW ZEALAND**

**Regulatory Status** This product has been approved under HSNO - ERMA Approval Number HSR002624

**Approved Handler** Not required

**Tracking** Not required

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**16. OTHER INFORMATION**

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**CONTACT POINT**

**AUSTRALIA and NEW ZEALAND**

Regulatory, Safety & Environmental Services

From outside Australia Ph: (61) (2) 9857 2000

From within Australia Ph: (02) 9857 2000

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**KEY/LEGEND**

ADG = Australian Code for the Transport of Dangerous Goods by Road and Rail

APVMA = Australian Pesticides and Veterinary Medicines Authority

DG = Dangerous Goods

ERMA = Environmental Risk Management Authority (New Zealand)

HSNO = Hazardous Substances and New Organisms Act 1996 (New Zealand)

IATA = International Air Transport Association

IMDG = International Maritime Dangerous Goods

NOHSC = National Occupational Health and Safety Commission (Australia)

SUSDP = Standard for the Uniform Scheduling of Drugs and Poisons (Australia)

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