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**Version:** 6.0

**Description:** Mortein Ultra Low Allergenic Fly and Insect Killer Aerosol

**Status:** Published

**Revision Reason:** Outer case change from 12 to 9

**Issue Date:** 16 Mar 2010

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## 1. PRODUCT and COMPANY IDENTIFICATION

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**Product Name** Mortein Ultra Low Allergenic Fly and Insect Killer Aerosol

**Other Names** None

**Product Code(s)** 0267464 (250g)  
0267436 (350g)

**Recommended Use** Household insecticide

**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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**NON-HAZARDOUS ACCORDING TO NOHSC CRITERIA  
DANGEROUS GOODS ACCORDING TO ADG CODE (See Section 14)**

**RISK PHRASE(S)**  
(See Section 15) R12 Extremely Flammable  
R50/53 Very toxic to aquatic organisms and may cause long-term adverse effects in the aquatic environment

**SAFETY PHRASE(S)** S2 Keep out of the reach of children  
S16 Keep away from sources of ignition, no smoking  
S23 Do not breath gas/fumes/vapours/spray (appropriate wording to be specified by the manufacturer)  
S25 Avoid contact with eyes  
S26 In case of contact with eyes rinse immediately with plenty of water and seek medical advice  
S46 If swallowed seek medical advice immediately and show this container or label

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**3. COMPOSITION / INFORMATION ON INGREDIENTS**

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Chemical Name	CAS No	Proportion (%w/w)
Bioallethrin	584-79-2	0.241
Bioresmethrin	28434-01-7	0.046
Butylated hydroxy toluene	128-37-0	<10
Hydrocarbon solvent	64771-72-8	<10
Hydrocarbon propellant <sup>1</sup>	106-97-8/74-98-6	30-60
Other ingredients classified as not hazardous according to NOHSC		to 100

<sup>1</sup>Our supplier of butane has provided documentation stating that the butane component contains less than 0.1%w/w 1,3 butadiene.

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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 warm water and soap. If irritation occurs and persists contact a doctor.

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

**Advice to Doctor:** Treat symptomatically.

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**5. FIRE-FIGHTING MEASURES**

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**Specific Dangers** Aerosol cans may explode with extreme heat and become projectiles.

**Flammability** Flammable.

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

**Hazchem code** 2YE

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**6. ACCIDENTAL RELEASE MEASURES**

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**Emergency and Evacuation**

<b>Procedures</b>	Keep area well ventilated. Remove sources of ignition.
<b>Minor Spills</b>	Wipe up spills with a clean dry cloth. Wash away residues with water.
<b>Major Spills</b>	Contain spill and collect using a suitable absorbent material such as vermiculite. Shovel material into labelled containers and close lids. Do not allow product to enter waterways.

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## 7. HANDLING AND STORAGE

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<b>Handling</b>	DG Class 2.1 (AEROSOLS). Handle accordingly. Avoid contact with eyes. Do not pierce or burn can after use. Do not spray onto a naked flame or any incandescent material.
<b>Storage</b>	DG Class 2.1 (AEROSOLS). Store accordingly. Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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### 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>		
Butane	106-97-8	800	1900	-	-	-	-
Propane	74-98-6	-	-	-	-	-	asphyxiant
Butylated hydroxytoluene	128-37-0	-	10	-	-	-	-

### Exposure Standards - 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>
Butane	106-97-8	800	1900	-	-
Propane	74-98-6	-	asphyxiant	-	-
Butylated hydroxytoluene	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.

<b>Engineering Controls</b>	Keep areas well ventilated. Maintain air concentrations below exposure standards.
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**Personal Protection** When handling bulk quantities, wear suitable gloves, protective clothing and safety glasses.

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

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

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**Physical State** Aerosol

**Appearance** Fine mist

**Colour** Colourless

**Boiling Point** 0°C (butane)

**Vapour Pressure** 240 kPa at 16°C (butane)

**Specific Gravity** 0.96 g/mL at 25°C (concentrate)

**Flashpoint** -60°C (butane)

**Solubility in Water** Miscible

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### 10. STABILITY AND REACTIVITY

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**Stability** Stable under normal conditions.

**Dangerous Reactions** Avoid extreme heat and pressures. Do not incinerate or puncture cans.

**Conditions to Avoid** Prolonged exposure to high temperatures.  
Avoid extreme heat and pressures. Do not incinerate or puncture cans.

**Incompatible Materials (If known)** Avoid oxidising materials.  
Oxidizing agents.

**Decomposition Products** Products may include oxides of carbon.

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### 11. TOXICOLOGICAL INFORMATION

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**Acute Effect(s) Swallowed** Not likely to be a route of exposure.

**Eye** May cause irritation to the eyes.

**Skin** May cause irritation to the skin with repeated/prolonged contact.

**Inhaled** Mists may cause irritation to the upper respiratory tract.

**Sensitisation** Not expected to be a skin sensitiser.

**Chronic Effect(s)** The chronic toxicity of this product has not been determined.

**Toxicity Information** Information is based on available component data and their concentrations in the product.

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### 12. ECOLOGICAL INFORMATION

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**Ecotoxicity** Based on component ecotoxicity data the product is very toxic to aquatic organisms and 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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**Disposal Method** 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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**Road Transport Regulations (ADG 7)**

UN number: UN 1950  
Proper shipping name: AEROSOLS  
DG class: 2.1  
Subsidiary risk: None allocated  
Packing group: None allocated  
Hazchem code: 2YE

**Maritime Transport Regulations (IMDG)**

UN number: UN 1950  
Proper shipping name: AEROSOLS  
DG class: 2.1  
Subsidiary risk: None allocated  
Packing group: None allocated  
Marine Pollutant: Not a Marine Pollutant

**Air Transport Regulations (IATA)**

UN number: UN 1950  
Proper shipping name: AEROSOLS, FLAMMABLE  
DG class: 2.1  
Subsidiary risk: None allocated  
Packing group: None allocated.

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### 15. REGULATORY INFORMATION

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**AUSTRALIA**

**Regulatory Status** This product has been registered by APVMA, Australia ; APVMA No . 54137

**Hazardous Substances Regulation** Not Hazardous

**Risk Phrase(s)** R12 Extremely Flammable  
R50/53 Very toxic to aquatic organisms and may cause long-term adverse effects in the aquatic environment

**Safety Phrase(s)** S2 Keep out of the reach of children  
S16 Keep away from sources of ignition, no smoking  
S23 Do not breath gas/fumes/vapours/spray (appropriate wording to be specified by the manufacturer)  
S25 Avoid contact with eyes  
S26 In case of contact with eyes rinse immediately with plenty of water and seek medical advice  
S46 If swallowed seek medical advice immediately and show this container or label

<b>Additional Safety Phrase(s)</b>	Do not spray on a naked flame or any incandescent material Pressurised container; protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn even after use.
<b>SUSDP</b>	Not scheduled
<b>NEW ZEALAND Regulatory Status</b>	This product has been approved under HSNO - ERMA Approval Number HSR000309
<b>Approved Handler</b>	Approved handler required when greater than 3000L (aggregate water capacity) of 2.1.2A substances are present
<b>Tracking</b>	Not required

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## 16. OTHER INFORMATION

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### CONTACT POINT

**AUSTRALIA & NEW ZEALAND :**  
Regulatory, Safety & Environmental Services

Within Australia            Ph: (02) 9857 2000

Outside Australia         Ph: 61(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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