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**Version:** 9.0

**Description:** Mortein Fast Knockdown Fly and Insect Killer Aerosol

**Status:** Published

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**Issue Date:** 15 Mar 2010

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## 1. PRODUCT and COMPANY IDENTIFICATION

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**Product Name** Mortein Fast Knockdown Fly and Insect Killer Aerosol

**Other Names** None

**Product Code(s)** 0267434 (300g)  
0267426 (200g)

**Recommended Use** Household insecticide aerosol spray.

**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  
DANGEROUS GOODS ACCORDING TO ADG CODE (See Section 14)**

**RISK PHRASE(S)** (See Section 15) R12 Extremely Flammable  
R38 Irritating to skin.  
R51/53 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.  
S16 Keep away from sources of ignition - No smoking.  
S23 Do not breathe aerosol.  
S24/25 Avoid contact with skin and 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)
Hydrocarbon propellant <sup>1</sup>	106-97-8 / 74-98-6	>60
Hydrocarbon solvent	64771-72-8	10 - <30
Butylated hydroxytoluene		128-37-0 <1
Esbiothrin	84030-86-4	<1 (1.26g/kg)
Permethrin	52645-53-1	<1 (0.5g/kg)
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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<b>Eye Contact</b>	Wash eyes with a large quantity of water. If irritation occurs and persists, contact a doctor.
<b>Skin Contact</b>	Wash off skin with water and soap. If irritation persists, contact a doctor.
<b>Inhalation</b>	Remove to fresh air. If breathing difficulties are experienced, seek medical attention.
<b>Ingestion</b>	Give 2 glasses of water to drink. Contact a doctor or a Poisons Information Centre.
<b>Advice to Doctor:</b>	Treat symptomatically.

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**5. FIRE-FIGHTING MEASURES**

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<b>Specific Dangers</b>	Aerosol cans may explode and rocket when subjected to extreme heat or fire.
<b>Flammability</b>	Flammable.
<b>Extinguisher Type</b>	Water, foam, carbon dioxide
<b>Hazchem code</b>	2YE

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**6. ACCIDENTAL RELEASE MEASURES**

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**Emergency and Evacuation****Procedures** Keep area well ventilated. Remove sources of ignition.**Minor Spills** Mop up spill with water and detergent.**Major Spills** Contain spill. Collect product 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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**Handling** 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.**Storage** 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.**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.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Physical State</b>	Aerosol
<b>Appearance</b>	Fine mist
<b>Colour</b>	Colourless
<b>Boiling Point</b>	0°C (butane)
<b>Vapour Pressure</b>	240 kPa @ 16°C (butane)
<b>Specific Gravity</b>	0.70 - 0.80 @ 25°C (Concentrate)
<b>Flashpoint</b>	-60°C (butane)
<b>Solubility in Water</b>	Immiscible

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## 10. STABILITY AND REACTIVITY

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<b>Stability</b>	Stable under normal conditions.
<b>Dangerous Reactions</b>	Aerosol cans may explode and rocket when subjected to extreme heat or fire.
<b>Conditions to Avoid</b>	Prolonged exposure to high temperatures. Avoid extreme heat and pressures. Do not incinerate or puncture cans.
<b>Decomposition Products</b>	Products may include oxides of carbon and nitrogen.

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## 11. TOXICOLOGICAL INFORMATION

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<b>Product Toxicity:</b>	Oral LD50 (rat): >2000mg/kg Dermal LD50 (rat): >2000mg/kg Eye irritancy (rabbit): Not an irritant Skin irritancy (rabbit): Irritant Skin sensitisation (guinea pig): Non sensitiser Inhalation LC50 (rat) 4 hours: >5.67 mg/L
<b>Health effects</b>	
<b>Acute</b>	
<b>Eye</b>	May cause transient irritation to the eyes.
<b>Skin</b>	Will cause irritation to the skin with repeated/prolonged contact.
<b>Inhaled</b>	Mist / vapours may cause irritation to the upper respiratory tract.
<b>Swallowed</b>	Unlikely to be a route of exposure.
<b>Sensitisation</b>	Not expected to be a skin sensitiser.

<b>Chronic</b>	The chronic toxicity of this product has not been determined.
<b>Toxicity Information</b>	Information is based on available component data and Toxicological testing of the concentrate of this product .

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## 12. ECOLOGICAL INFORMATION

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<b>Ecotoxicity</b>	The ecotoxicity of this product has not been determined. Based on the component ecotoxicology, it is toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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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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### 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

\*This product is not classified as a marine pollutant as defined by section 2.10.3 of the IMDG Code Edition 2004.

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## 15. REGULATORY INFORMATION

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### AUSTRALIA

**Regulatory Status** This product has been registered by APVMA, Australia ; APVMA No . 60630

**Hazardous Substances Regulation** Hazardous

**Risk Phrase(s)** R12 Extremely Flammable  
R38 Irritating to skin.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

<b>Safety Phrase(s)</b>	S2 Keep out of the reach of children. S16 Keep away from sources of ignition - No smoking. S23 Do not breathe aerosol. S24/25 Avoid contact with skin and 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 HSR007752
<b>Approved Handler</b>	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 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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