



## Product Safety Data Sheet

**Document Code:** 31321 - SD AU

**Version:** 5.0

**Description:** Mortein Spider Control Surface Spray Aerosol

**Status:** Published

**Revision Reason:** Update PSDS for new formula & FG code.

**Issue Date:** 7 Oct 2009

PSDS

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### 1. PRODUCT and COMPANY IDENTIFICATION

**Product Name** Mortein Spider Control Outdoor Surface Spray Aerosol

**Other Names** .None.

**Product Code(s)** 0212343 350g

**Recommended Use** Domestic insecticide 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

### 2. HAZARD(S) IDENTIFICATION

**NON-HAZARDOUS ACCORDING TO NOHSC CRITERIA**

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

**RISK PHRASE(S)** R12 Extremely flammable  
(See Section 15)

**ENVIRONMENTAL RISK PHRASE** 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.  
S16 Keep away from sources of ignition - No smoking.  
S51 Use only in well-ventilated areas.  
S29 Do not empty into drains.  
S35 This material and its container must be disposed of in a safe way.

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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	30 - 60
Hydrocarbon solvent	64771-72-8	<10
Deltamethrin	52918-63-5	<0.1 (0.6g/Kg)
Imiprothrin	72963-72-5	<0.1 (0.3g/Kg)
Butylated hydroxy toluene	128-37-0	<0.1
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 large amount of water. If irritation occurs and persists, contact a doctor.
<b>Skin Contact</b>	Wash skin with warm water and soap. If irritation occurs and persists, contact a doctor.
<b>Inhalation</b>	Remove patient 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.
<b>Flammability</b>	Flammable.
<b>Extinguisher Type</b>	Water, foam, carbon dioxide.
<b>Hazchem code</b>	None allocated.

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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 clean, dry, 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**

Dangerous Good 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**

Dangerous Good 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>		
Butylated hydroxy toluene	128-37-0	-	10	-	-	-	-
	106-97-8	800	1900	-	-	-	-
Butane	74-98-6	-	-	-	-	-	asphyxiant
Propane							

**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>
Butylated hydroxy toluene	128-37-0	-	10	-	-
	106-97-8	800	1900	-	-
Butane	74-98-6	-	asphyxiant	-	-
Propane					

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>	Ensure adequate ventilation. Use in well ventilated areas. Maintain air concentrations below exposure standards. Local exhaust ventilation should be used where aerosols/vapours are generated. If ventilation is insufficient, wear a respirator fitted with an organic vapour cartridge.
<b>Personal Protection</b>	When handling bulk quantities, wear suitable gloves, safety glasses and protective clothing. If ventilation is insufficient, a suitable respirator should be worn.
<b>Work/Hygienic Practices</b>	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>	Coarse spray mist
<b>Colour</b>	Colourless
<b>Boiling Point</b>	0°C (butane)
<b>Vapour Pressure</b>	240 kPa @ 16°C (butane)
<b>Density</b>	0.960 - 0.980 at 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 when subject to extremes of heat or pressure and may become projectiles.
<b>Conditions to Avoid</b>	Prolonged exposure to high temperatures.
<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>	Toxicological testing of the concentrate of this product has been undertaken and the following results were found:  Oral LD50 (rat): >2000mg/kg Dermal LD50 (rat): >2000mg/kg Inhalation LC50 (rat) 4 hours: > 4.36 mg/L (nose only) Eye irritancy (rabbit): Minimal irritant Skin irritancy (rabbit): Mild irritant Skin sensitisation (Maximization Test) (guinea pig): Non sensitiser
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Based on these results the product does not require any health hazard classification or labelling according to EU labelling regulations Commission

Directive 2001/59/EC.

**Component Toxicity** Other hazard identifications in Section 2 were derived from the known effects of the individual ingredients and their concentrations in the product.

**Summary of Product Toxicity Effects**

**Acute Effect(s)**

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

**Skin** May cause irritation to the skin.

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

**Swallowed** Not likely to be route of exposure.

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

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**12. ECOLOGICAL INFORMATION**

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**Product Ecotoxicity** The ecotoxicity of this product has not been determined.

**Component Ecotoxicity** Based on component ecotoxicity data the product 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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**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)**

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

**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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<b>Regulatory Status</b>	This product has been approved by:- APVMA, Australia ; APVMA No.62675
<b>Hazardous Substances Regulation</b>	Not Hazardous.
<b>RISK PHRASE(S)</b>	R12 Extremely flammable.
<b>ENVIRONMENTAL RISK PHRASE</b>	R50/53 Very 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. S51 Use only in well-ventilated areas. S29 Do not empty into drains. S35 This material and its container must be disposed of in a safe way.
<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>	S5 (deltamethrin)
<b>NEW ZEALAND Regulatory Status</b>	This product has been approved under HSNO - ERMA Approval Number: HSR000049.
<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 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

NOHSC = National Occupational Health and Safety Commission (Australia)  
ADG = Australian Code for the Transport of Dangerous Goods by Road and Rail  
IMDG = International Maritime Dangerous Goods  
IATA = International Air Transport Association  
SUSDP = Standard for the Uniform Scheduling of Drugs and Poisons (Australia)

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