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Description: Mortein Surface Spray Aerosol

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1. PRODUCT and COMPANY IDENTIFICATION

Product Name Mortein Surface Spray Aerosol

Other Names None

Product Code(s) 0267451 Odourless 250g
0267450 Odourless 350g

Recommended Use Household 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. COMPOSITION

NON-HAZARDOUS ACCORDING TO NOHSC CRITERIA

DANGEROUS GOODS ACCORDING TO ADG CODE (See Section 14)

RISK PHRASE(S) (See Section 15) R12 Extremely flammable
R52/53 (Harmful 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.
S46 If swallowed seek medical advice immediately and show this container or label

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Proportion (%w/w)
Imiprothrin	72963-72-5	0.015
Permethrin	52645-53-1	0.279
Butylated hydroxy toluene	128-37-0	<10
Precipitated amorphous silica	112926-00-8	<10
Hydrocarbon solvent	64771-72-8	30 - 60
Hydrocarbon propellant ¹	106-97-8/74-98-6	30 - 60
Other ingredients classified as not hazardous according to NOHSC		to 100

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

4. FIRST AID MEASURES

Eye Contact	Wash eyes with large amount of water. If irritation occurs and persists, contact a doctor.
Skin Contact	Wash skin with warm water and soap. If irritation occurs and persists, contact a doctor.
Inhalation	Remove patient 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.

5. FIRE-FIGHTING MEASURES

Specific Dangers	Aerosol cans may explode with extreme heat and become projectiles.
Flammability	Flammable.
Extinguisher Type	Water, foam, carbon dioxide,
Hazchem code	2YE

6. ACCIDENTAL RELEASE MEASURES

Emergency and Evacuation Procedures Keep area well ventilated. Remove sources of ignition.

Minor Spills	Wipe up spills with a clean dry cloth. Wash away residues with water.
Major Spills	Contain spill. Collect using a suitable absorbing material such as vermiculite. Shovel material into clean, dry, labelled containers and close lids. Do not allow product to enter waterways.

7. HANDLING AND STORAGE

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.

8. EXPOSURE AND PERSONAL PROTECTION

Exposure Standards - Australia

Exposure Standards⁽¹⁾ have been set for the following ingredients:

Ingredient	CAS No. ^(a)	TWA		STEL		Carcinogen Category	Notes
		ppm ^(b)	mg/m ^{3(c)}	ppm ^(b)	mg/m ^{3(c)}		
Butane	106-97-8	800	1900	-	-	-	-
Propane	74-98-6	-	-	-	-	-	asphyxiant
Butylated hydroxytoluene	128-37-0	-	10	-	-	-	-
Precipitated amorphous silica	112926-00-8	-	10	-	-	-	-

Exposure Standards - New Zealand

Exposure Standards⁽³⁾ have been set for the following ingredients:

Ingredient	CAS No. ^(a)	TWA		STEL	
		ppm ^(b)	mg/m ^{3(c)}	ppm ^(b)	mg/m ^{3(c)}
Butane	106-97-8	800	1900	-	-
Butylated hydroxytoluene	128-37-0	-	10	-	-
Propane	74-98-6	Simple asphyxiant may present an explosion hazard		-	-

TWA = Time Weighted Average
STEL = Short Term Exposure Limit

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

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

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

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

^(c) 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 gloves, safety glasses and protective clothing. If 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	Aerosol
Appearance	Fine mist
Colour	Colourless
Boiling Point	0°C (butane)
Vapour Pressure	240 kPa @ 16°C (butane)
Density	0.745 - 0.765 @ 25°C (concentrate)
Flashpoint	-60°C (butane)
Solubility in Water	Immiscible.

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Dangerous Reactions	Aerosol cans may explode when subject to extremes of heat or pressure and may become projectiles.
Conditions to Avoid	Prolonged exposure to high temperatures.
Decomposition Products	Products may include oxides of carbon.

11. TOXICOLOGICAL INFORMATION

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

12. ECOLOGICAL INFORMATION

Product Ecotoxicity Based on the component ecotoxicology, it is harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

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.

14. TRANSPORT INFORMATION

Road Transport Regulations (ADG 7)

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

15. REGULATORY INFORMATION

AUSTRALIA

Regulatory Approvals This product has been registered by APVMA Australia; APVMA no. 54626

Hazardous Substances Regulation Not hazardous

RISK PHRASE(S) R12 Extremely flammable
R52/53 (Harmful 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.
S46 If swallowed seek medical advice immediately and show this container or label

Additional Safety Phrase(s)	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.
SUSDP	Not Scheduled
NEW ZEALAND Regulatory Status	This product has been approved under HSNO - ERMA Approval Number: HSR000044
Approved Handler	You will only need to be an approved handler when greater than 3000L (aggregate water capacity) of 2.1.2A substances are present
Tracking	Not required

16. OTHER INFORMATION

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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