



Product Safety Data Sheet

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Description: Mortein Flea Bomb Aerosol

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PAGE 1 OF TOTAL 6

1. PRODUCT and COMPANY IDENTIFICATION

Product Name Mortein Flea Bomb Aerosol

Other Names None

Product Code(s) 0159041 (2 x 150g)
0161209 (1 x 150g)

Recommended Use Household insecticide fogger

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 ACCORDING TO ADG CODE (See Section 14)**

RISK PHRASE(S) None
(See Section 15)

ENVIRONMENTAL RISK PHRASE 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.
S29 Do not empty into drains.
S35 This material and its container must be disposed of in a safe way.
S51 Use only in well-ventilated areas.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Proportion (%w/w)
Fenoxycarb	79127-80-3	0.107 (1.07g/kg)
Permethrin	52645-53-1	1.00 (10.0g/kg)
Butylated hydroxytoluene	128-37-0	<10
Ethanol	64-17-5	10 - <30
Hydrocarbon propellant ¹	106-97-8 / 74-98-6	>60
Other non-hazardous ingredients		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 a large quantity of water. If irritation occurs and persists, contact a doctor.
Skin Contact	Wash off skin with water and soap. 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.

5. FIRE-FIGHTING MEASURES

Specific Dangers	Aerosol cans may explode and rocket when subjected to extreme heat.
Flammability	Extremely flammable.
Extinguisher Type	Water, foam, carbon dioxide.
HazChem Code	None allocated.

6. ACCIDENTAL RELEASE MEASURES

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.

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 CONTROLS / PERSONAL PROTECTION

Exposure Standards - Australia

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

Ingredient	CAS No.. ^(a)	TWA		STEL		Carcinogen Category	Notices
		ppm ^(b)	mg/m ^{3(c)}	ppm ^(b)	mg/m ^{3(c)}		
Ethanol	64-17-5	1000	1880	-	-	-	-
Butylated hydroxytoluene	128-37-0	-	10	-	-	-	-
Butane	106-97-8	800	1900	-	-	-	-
Propane	74-98-6	-	asphyxiant	-	-	-	-

Exposure Standards - New Zealand

Exposure Standards⁽²⁾ 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)}
Ethyl alcohol	64-17-5	1000	1880	-	-
2,6-Di-tert-butyl-p-cresol	128-37-0	-	10	-	-
Butane	106-97-8	800	1900	-	-
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]

⁽²⁾ 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)
Specific Gravity	0.808 @ 25°C (Concentrate)
Flashpoint	-60°C (butane)
Solubility in Water	Partially miscible

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Dangerous Reactions	Aerosol cans may explode and rocket when subjected to extreme heat.
Conditions to Avoid	Avoid extreme heat and pressures. Do not incinerate or puncture cans.
Decomposition Products	Products include oxides of carbon and nitrogen.

11. TOXICOLOGICAL INFORMATION

Product Toxicity	The toxicity of this product has not been determined.
Component Toxicity	The 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 with repeated/prolonged contact.
Inhaled	Mists/vapours may cause irritation to the upper respiratory tract.
Swallowed	Unlikely to be a route of exposure.
Chronic Effect(s)	The chronic toxicity of this product has not been determined.

12. ECOLOGICAL INFORMATION

Product Ecotoxicity	The ecotoxicity of this product has not been determined.
Component Ecotoxicity	Based on component ecotoxicity data the product is toxic 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.
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14. TRANSPORT INFORMATION

Road Transport Regulations (ADG 6)

UN number:	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:	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 Status This product has been registered by APVMA, Australia ; APVMA No. 55629.

Hazardous Substances Regulation Not hazardous.

Risk Phrase(s) None

Environmental Risk Phrase	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. S29 Do not empty into drains. S35 This material and its container must be disposed of in a safe way. S51 Use only in well-ventilated areas.
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: HSR000343
Approved Handler	Required - 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: (09) 839 0200

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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
DG = Dangerous Goods
IMDG = International Maritime Dangerous Goods
IATA = International Air Transport Association
APVMA = Australian Pesticides and Veterinary Medicines Authority (Australia)
SUSDP = Standard for the Uniform Scheduling of Drugs and Poisons (Australia)
HSNO = Hazardous Substances and New Organisms Act 1996
ERMA = Environmental Risk Management Authority (New Zealand)

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