

Document Code: 30813 - SD AU**Version:** 9.0**Description:** Mortein Do-It-Yourself Control Bomb Aerosol**Status:** Published**Revision Reason:** New FG code for NZ.**Issue Date:** 7 Oct 2009

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1. PRODUCT and COMPANY IDENTIFICATION

Product Name	Mortein Do-It-Yourself Control Bomb Aerosol
Other Names	Mortein Do-It-Yourself Control Bomb Indoor Cockroach & Flea Killer Mortein Do-It-Yourself Control Bomb Insect Killer
Product Code(s)	0159040 (3 x 125g pack) 0165516 (3 x 125g pack) 0244163 (3 x 125g pack)
Recommended Use	Household insecticide fogger
Supplier	
<u>AUSTRALIA</u>	
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
<u>NEW ZEALAND</u>	
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) 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.
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)
¹ Hydrocarbon propellant	106-97-8 / 74-98-6	>60
Ethanol	64-17-5	10 - <30
Permethrin	52645-53-1	1.00 (10g/kg)
Fenoxycarb	72490-01-8	0.077 (0.77g/kg)
Nonionic Surfactant	68131-39-5	<1
Butylated hydroxytoluene	128-37-0	<1
² Perfume		<1
Other ingredients classified as not hazardous according to NOHSC		to 100

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

² Perfume: May contain the following ingredients @ >0.1% w/w. May cause an allergic reaction.: Citral CAS no. 5392-40-5 ; Limonene CAS No. 138-86-3

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.
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 AND 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	0.81 - 0.82 @ 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	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 very 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)

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, FLAMMABLE
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. 55630 & APVMA No. 62992
Hazardous Substances Regulation	Not hazardous.
Risk Phrase(s)	R12 Extremely flammable.
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. 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 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
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)
ERMA = Environmental Risk Management Authority (New Zealand)

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