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1. PRODUCT and COMPANY IDENTIFICATION

Product Name Mortein NaturGard Fly Control Spray

Other Names None

Product Code(s) 0267437 235g
0267438 320g

Recommended Use Household insecticide

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) (See Section 15)	R12 Extremely flammable R50/53 Very toxic to aquatic organism. 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.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Proportion (%w/w)
Hydrocarbon propellant ¹	106-97-8/74-98-6	30 - 60
Hydrocarbon solvent	64771-72-8	<10
Butylated hydroxytoluene	128-37-0	<1
Piperonyl butoxide	51-03-6	1.61 (16.1g/kg)
Pyrethrins	8003-34-7	0.35 (3.5g/kg)
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.

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 warm 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	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.
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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.

7. HANDLING AND STORAGE

Handling	Dangerous Good Class 2.1 (AEROSOLS). Handle accordingly. Avoid contact with skin and 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.

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	Notes
		ppm ^(b)	mg/m ^{3(c)}	ppm ^(b)	mg/m ^{3(c)}		
Butylated hydroxy toluene	128-37-0	-	10	-	-	-	-
Pyrethrins	8003-34-7	-	5	-	-	-	Sen
Butane	106-97-8	800	1900	-	-	-	-
Propane	74-98-6	-	-	-	-	-	Asphyxiant

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)}
Butylated hydroxy toluene	128-37-0	-	10	-	-
Pyrethrins	8003-34-7	-	5	-	-
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]

⁽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.

^(d) The value is for inspirable dust containing no asbestos and less than 1% free silica.

Ceiling = (WES - Ceiling) = A concentration that should not be exceeded during any part of the working day.

Engineering Controls Ensure adequate ventilation. Maintain air concentrations below exposure standards.

Personal Protection When handling bulk quantities, wear suitable gloves, protective clothing and safety glasses. Where 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	0.95 - 0.96 g/mL @ 25°C (concentrate)
Flashpoint	-60°C (butane)
Solubility in Water	Miscible

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 and nitrogen.

11. TOXICOLOGICAL INFORMATION

Product Toxicity Information is based on available component data and their concentrations in the product.

Summary of Product Toxicity Effects

Acute Effect(s)

Eye May cause irritation to the eye.

Skin May cause irritation to the skin with prolonged/repeated contact.

Inhaled Mists/vapours may cause irritation to the respiratory system.

Swallowed	Not likely to be a route of exposure.
Sensitisation	Not expected to be a skin sensitiser.
Chronic Effect(s)	The chronic toxicity of this product has not been determined.

12. ECOLOGICAL INFORMATION

Product 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

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 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

15. REGULATORY INFORMATION

Regulatory Status	This product has been approved by:- APVMA, Australia ; APVMA No.61747.
Hazardous Substances Regulation	Not Hazardous.
RISK PHRASE(S)	R12 Extremely flammable 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.

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 covered by Cosmetic Products
Group Standard 2006 HSR000351

Approved Handler 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

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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