

Document Code: D0268342

Version: 2.0

Description: MORTN,NATURGRD O/DOOR AUTO AE

Status: Published

Revision Reason: Update Hazchem code

Issue Date: 28 May 2010

PSDS

PSDS

PAGE 1 OF TOTAL 6

1. PRODUCT and COMPANY IDENTIFICATION

Product Name Mortein NaturGard Automatic Outdoor Insect Control System

Other Names None

Product Code(s) 0265278 Prime
0265277 Refill

Recommended Use Outdoor automatic 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) (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. S23 Do not breathe aerosol. S24/25 Avoid contact with skin and eyes.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Proportion (%w/w)
Hydrocarbon propellant ¹	106-97-8/74-98-6	> 60
Hydrocarbon solvent	64742-48-9	10 - <30
N-octyl bicycloheptene dicarboximide	113-48-4	<10
Piperonyl butoxide	51-03-6	<10
Pyrethrins	8003-34-7	<1
2,6-Di-tert-butyl-p-cresol	128-37-0	<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.

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 with extreme heat and become projectiles.
Flammability	Extremely 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	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	DG 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	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	Notes
		ppm ^(b)	mg/m ^{3(c)}	ppm ^(b)	mg/m ^{3(c)}		
2,6-Di-tert-butyl-p-cresol	128-37-0	-	10	-	-	-	-
	8003-34-7	-	5	-	-	-	-
Pyrethrins							
² Naphtha (petroleum), hydrotreated heavy	64742-48-9	196	1200	-	-	-	-
	106-97-8	800	1900	-	-	-	-
Butane	74-98-6	-	-	-	-	-	asphyxiant
Propane							

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

Ingredient	CAS No. ^(a)	TWA		STEL	
		ppm ^(b)	mg/m ^{3(c)}	ppm ^(b)	mg/m ^{3(c)}
2,6-Di-tert-butyl-p-cresol	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.

² Data source: Exxon Mobil 1995

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)
Density	0.783 - 0.803 g/mL @ 25°C (concentrate)
Flashpoint	-60°C (butane)
Solubility in Water	Immiscible

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Dangerous Reactions	Avoid extreme heat and pressures. Do not incinerate or puncture cans. Cans may explode when subjected to extreme heat or pressure.
Conditions to Avoid	Prolonged exposure to high or low temperatures.
Decomposition Products	Products may include oxides of carbon.

11. TOXICOLOGICAL INFORMATION

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	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

Ecotoxicity	Based on component ecotoxicology, it is very toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment. This classification applies to bulk quantities only.
-------------	---

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)

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

AUSTRALIA

Regulatory Status This product has been registered by APVMA, Australia ; APVMA No. 64392

Hazardous Substances Regulation Not Hazardous

Risk Phrase(s)	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. S23 Do not breathe aerosol. S24/25 Avoid contact with skin and eyes.
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: HSR000351
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

The information contained in this MSDS was compiled using the latest and most reliable information available to Reckitt Benckiser. The information is provided without any warranty, expressed or implied regarding its correctness or accuracy. Similarly no warranty expressed or implied regarding the product described herein shall be created by or inferred from any statement or omission from this MSDS nor will Reckitt Benckiser assume any liability for any loss or damage arising out of the use of this information. It is solely the responsibility of the user to determine safe conditions for use of this product and to assume liability for any loss, damage or expense whatsoever arising out of the product's improper use.

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)

This document is only current on the day of viewing. Printed copies are UNCONTROLLED unless they are a part of a Quality/ Technical Manual or attached to a letter referring to Purchase Order Number. END OF DOCUMENT.