



Product Safety Data Sheet

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Description:	MORTN O/DOOR MOZZIE LTRN -MAT	Status:	Published
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PSDS

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1. PRODUCT and COMPANY IDENTIFICATION

Product Name Mortein Outdoor Mosquito Lantern / Refill

Other Names None

Product Code(s) 0121330 Prime (Lantern, mat & candle)
0123339 Refill 4s (Mats & candles)
0123340 Refill 8s (Mats & candles)

Recommended Use Insecticide mat lantern / refills to provide outdoor mosquito protection.

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
NON-DANGEROUS GOODS ACCORDING TO ADG CODE (See Section 14)

RISK PHRASE(S) None
(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.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Proportion (% w/w)
<u>Mat</u>		
d-Allethrin	584-79-2	22.0 (220g/kg)
2,2'- Methylene Bis (4-Ethyl-6-tert-Butylphenol)	88-24-4	<10
Isopropyl myristate	110-27-0	<10
Hydrocarbon solvent	64771-72-8	<10
Cellulose	9004-34-6	>60
Other ingredients classified as not hazardous according to NOHSC		to 100
<u>Candle</u>		
Perfume	NA	<1
Wax	64742-51-4	to 100
<u>Lantern</u>		
Metal frame with polycarbonate inserts		

4. FIRST AID MEASURES

Skin Contact	Wash 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	None.
Flammability	Not flammable.

Extinguisher Type Water, foam, carbon dioxide.

Hazchem code None allocated

6. ACCIDENTAL RELEASE MEASURES

Emergency and Evacuation

Procedures Keep area well ventilated.

Minor Spills Scoop into clean, dry, labelled containers and close lids.

Major Spills Contain spill. Shovel mats into clean, dry, labelled containers and close lids. Do not allow product to enter waterways.

7. HANDLING AND STORAGE

Handling No special requirements.

Storage Store in a cool dry area out of direct sunlight.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards - Australia

No exposure standards have been set for any of the ingredients in this product.

Exposure Standards - New Zealand

Exposure Standards⁽²⁾ have been set for the following ingredients.

Ingredient	CAS No.	TWA		STEL	
		ppm	mg/m ³	ppm	mg/m ³
Cellulose	9004-34-6	-	10 ^(d)	-	-

TWA = Time Weighted Average

STEL= Short Term Exposure Limit

⁽²⁾ Workplace Exposure Standards endorsed by the Occupational Safety and Health Service (OSH) of the Department of Labour; Revised: January 2002

^(d) The value is for inspirable dust containing no asbestos and less than 1% free silica. (See appendix 1- WES NZ⁽²⁾).

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. 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 Solid

Appearance Cellulose mat impregnated with insecticide solution

Colour	Blue
Boiling Point	Not applicable
Vapour Pressure	<0.43 kPa at 20°C (solvent)
Specific Gravity	0.92 - 0.95 at 25°C (concentrate)
Flashpoint	Not flammable
Solubility in Water	Not soluble

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Dangerous Reactions	None.
Decomposition Products	Products may include oxides of carbon.

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	Not likely to be a route of exposure.
Skin	May cause irritation to the skin with repeated/prolonged contact.
Inhaled	Mists/vapours may cause irritation to the upper respiratory tract.
Swallowed	May cause irritation to the upper gastrointestinal tract.
Chronic Effect(s)	The chronic toxicity of this product has not been determined.

12. ECOLOGICAL INFORMATION

Product Ecotoxicity	Ecological testing of the dosing solution of this product has been undertaken and the following results were found: Acute Oral LD50 (Honeybee, Apis mellifera): 0.84ug /bee @ 48hrs Acute Contact LD50 (Honeybee, Apis mellifera): 0.81ug /bee @ 48hrs Acute Tox LC50 (Freshwater fish, Brachydanio rerio) : 46.60ug/L after 96hrs
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.

14. TRANSPORT INFORMATION

Road Transport Regulations (ADG 6)

UN number: None allocated
Proper shipping name: None allocated
DG class: Not a DG
Subsidiary risk: None allocated
Packing group: None allocated
Hazchem code: None allocated

Maritime Transport Regulations (IMDG)

UN number: 3077
Proper shipping name: Environmentally Hazardous Substance, Solid, N.O.S. (d-Allethrin)
DG class: 9
Subsidiary risk: None allocated
Packing group: III
Marine Pollutant: Product is a Marine Pollutant

Air Transport Regulations (IATA)

UN number: 3077
Proper shipping name: Environmentally Hazardous Substance, Solid, N.O.S. (d-Allethrin)
DG class: 9
Subsidiary risk: None allocated
Packing group: III

15. REGULATORY INFORMATION

AUSTRALIA

Regulatory Status This product has been registered by APVMA, Australia ; APVMA No. 60049

Hazardous Substances Regulation Not hazardous

Risk Phrase(s) None

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

Additional Safety Phrase(s) Do not touch top of lantern whilst in use.
Do not move lantern whilst in use.
Do not leave lit lantern unattended.

SUSDP S6 (d-Allethrin)

NEW ZEALAND

Regulatory Status This product has been approved under HSNO New Zealand - ERMA Approval Number: HSR000303

Approved Handler Not required

Tracking requirements Not required

16. OTHER INFORMATION

CONTACT POINT

AUSTRALIA & NEW ZEALAND:

Regulatory, Safety & Environmental Services

Within Australia Ph: (02) 9857 2000

Outside Australia Ph: (61) (2) 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

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

DG = Dangerous Goods

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