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RYj jgcb FYUgcb. Update NZ new address & phone number

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PSDS

PSDS

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1. PRODUCT and COMPANY IDENTIFICATION

Product Name **Black Flag Automatic Indoor Insect Control System**

Other Names None

Variant(s) Prime pack
Refill pack

Recommended Use Indoor 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: 2 Fred Thomas Drive,
Takapuna, Auckland 0622

TELEPHONE: +64 9 484 1400

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)	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. 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 (29.89g/kg)
Piperonyl butoxide	51-03-6	<10 (15.6g/kg)
Pyrethrins	8003-34-7	<1 (9.75g/kg)
Butylated hydroxytoluene	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	If in eyes, hold eyes open, flood with water for at least 15 minutes and see 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	If sprayed in mouth, rinse mouth with water.
Advice to Doctor:	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Specific Dangers	Aerosol cans may explode with extreme heat and become projectiles.
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.
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	Notices
		ppm ^(b)	mg/m ^{3(c)}	ppm ^(b)	mg/m ^{3(c)}		
Butylated hydroxy toluene	128-37-0	-	10	-	-	-	-
² Naphtha (petroleum), hydrotreated heavy	64742-48-9	196	1200	-	-	-	-
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)}
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]

⁽³⁾ Workplace Exposure Standards endorsed by the Occupational Safety and Health Service (OSH) of the Department of Labour; Revised: January 2002

⁽⁴⁾ CAS #, Chemical Abstracts Service Registry. A unique numbering identifier is assigned to each individual chemical.

⁽⁵⁾ Parts of vapour or gas per million of contaminated air by volume at 25°C and 760 torr.

⁽⁶⁾ 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

Product Toxicity Data	Not been determined.
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.
Toxicity Information	Information is based on available component data and their concentrations in the product.

12. ECOLOGICAL INFORMATION

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)

UN number	UN 1950
Proper shipping name	AEROSOLS
DG class	2
Division	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. 65679
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Hazardous Substances Regulation	Not Hazardous
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RISK PHRASE(S)	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.
SUSMP	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

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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)
IATA = International Air Transport Association
IMDG = International Maritime Dangerous Goods
NOHSC = National Occupational Health and Safety Commission (Australia)
SUSMP = Standard for the Uniform Scheduling of Medicines and Poisons (Australia)

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