



## Product Safety Data Sheet

<b>Document Code:</b>	30754 - SD AU	<b>Version:</b>	5.0
<b>Description:</b>	DETTOL LIQUID (CLASSIC)	<b>Status:</b>	Published
<b>Revision Reason:</b>	Update product codes .	<b>Issue Date:</b>	3 July 2008

PSDS

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### 1. PRODUCT and COMPANY IDENTIFICATION

Product Name	Dettol Liquid (Classic)	
Other Names	Dettol Antiseptic	
Product Code(s)	0143412	125 mL
	0139064	250 mL
	0138064	500 mL
	0137528	750 mL

Recommended Use A liquid antiseptic/disinfectant to be diluted 1:20 with water for use on the skin.

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

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**2. HAZARD(S) IDENTIFICATION**

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**HAZARDOUS ACCORDING TO NOHSC CRITERIA  
NON-DANGEROUS GOODS ACCORDING TO ADG CODE (See Section 14)**

RISK PHRASE(S) R36 Irritating to eyes  
(See Section 15)

ENVIRONMENTAL RISK PHRASE None

SAFETY PHRASE(S) S2 Keep out of reach of children

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**3. COMPOSITION / INFORMATION ON INGREDIENTS**

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Chemical Name	CAS No	Proportion (%w/w)
Chloroxynol	88-04-0	<5 (4.8 %w/v )
Pine Oil	8002-09-3	<10
Isopropyl alcohol	67-63-0	10 - 30
Other ingredients classified as not hazardous according to NOHSC		to 100

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**4. FIRST AID MEASURES**

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Eye Contact	Wash eyes immediately with a large quantity of water. If irritation persists, contact a doctor.
Skin Contact	Wash off skin with water. 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.

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**5. FIRE-FIGHTING MEASURES**

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Specific Dangers	Dettol Liquid has a flash point of 40°C and a Fire Point of 60°C but does not support combustion at 60°C and 75°C.*
Flammability	Not Flammable (see Flash point in Section 9)
Extinguisher Type	Water, foam, carbon dioxide, dry chemical.
Hazchem code	None allocated

\*Testing performed at Intertex Testing Services Ltd, Western Jetty, Immingham Docks, Immingham, carried out in accordance with International Air Transport Association Dangerous Goods Regulations, effective January 2002.

## 6. ACCIDENTAL RELEASE MEASURES

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Emergency and Evacuation Procedures	Ensure adequate ventilation. Remove ignition sources.
Minor Spills	Mop up spill and wash area with water.
Major Spills	Contain spill. Collect product using a suitable adsorbent material such as sand, dusts or other inert material. Shovel material into a clean, dry, labelled container and close lid tightly. Do not allow product to enter waterways.

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## 7. HANDLING AND STORAGE

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Handling	No special requirements.
Storage	Store in a cool dry area out of direct sunlight. Keep at below 30°C.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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Exposure Standards Exposure Standards<sup>1</sup> have been set for the following ingredients:

Ingredient	CAS No.	TWA		STEL		Carcinogen Category	Notices
		mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm		
Isopropyl alcohol	67-63-0	983	400	1230	500	-	-

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TWA = Time Weighted Average

STEL= Short Term Exposure Limit

<sup>1</sup> Worksafe Australia Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003 1995]

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.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Physical State	Liquid
Appearance	Clear
Colour	Amber
Boiling Point	82.5°C (Isopropyl alcohol)
Vapour Pressure	Negligible
Specific Gravity	0.969 - 1.009 @ 20°C (Filled product density)

Flashpoint 40°C (does not support combustion @ 60.5°C)\*  
Solubility in Water Miscible

\*Test performed at Intertex Testing Services Ltd, Western Jetty, Immingham Dock, Immingham, carried out in accordance with International Air Transport Association Dangerous Goods Regulations, effective January 2002.

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## 10. STABILITY AND REACTIVITY

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

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## 11. TOXICOLOGICAL INFORMATION

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Product Toxicity Toxicological testing of this product has been undertaken and the following results were found:  
Oral LD50: >15 mL/kg (weanling rats).  
Dermal LD50 (rat): >5000mg/kg  
Inhalation LC50 (rat) 4 hours: >5ml/L  
Eye irritancy (rabbit): Irritant

Clinical testing of this product has been undertaken which indicates that the product is not irritating to the skin.

Clinical studies using 0.24% active in this product showed no potential to cause contact sensitisation.

No reproductive, mutagenic or carcinogenic studies have been carried out using this product or a similar product but studies have been performed using the active component, chloroxylenol. The results of these studies showed no evidence of potential of reproductive, mutagenic or carcinogenic.

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 Undiluted product will cause irritation to the eye.

Skin No effects likely to occur if label directions are followed. (See Section 11)

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 is not available but sub-chronic studies indicate that there is no evidence of adverse effects.

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## 12. ECOLOGICAL INFORMATION

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Product Ecotoxicity The ecotoxicity of this product has not been determined.

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### 13. DISPOSAL CONSIDERATIONS

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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

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#### Road Transport Regulations (ADG 6 Aust.)

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:            None allocated  
Proper shipping name: None allocated  
DG class:             Not a DG  
Subsidiary risk:      None allocated  
Packing group:       None allocated  
Marine Pollutant:    Not a Marine Pollutant

#### Air Transport Regulations (IATA)

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

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### 15. REGULATORY INFORMATION

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Regulatory Status      This product has been approved by the Therapeutic Goods Administration (TGA) AUST R 61404.

Hazardous Substances Regulation      Hazardous

RISK PHRASE(S)      R36 Irritating to eyes.

ENVIRONMENTAL RISK PHRASE      None

SAFETY PHRASE(S)    S2    Keep out of reach of children

SUSDP                  Not scheduled

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### 16. OTHER INFORMATION

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#### 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

IMDG = International Maritime Dangerous Goods

TGA = Therapeutic Goods Administration (Australia)

SUSDP = Standard for the Uniform Scheduling of Drugs and Poisons (Australia)

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