



Product Safety Data Sheet

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Description:	Dettol Liquid (Classic)	Status:	Published
Project Name:		Project Number:	
Category:	ANTISEPTICS	Segment:	
Formula Type:	Fill Formula		

PSDS

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PRODUCT NAME : Dettol Liquid (Classic)

OTHER NAMES : None

HAZARDOUS ACCORDING TO CRITERIA OF NATIONAL OCCUPATIONAL HEALTH AND SAFETY COMMISSION

COMPANY DETAILS

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

1. PRODUCT

PRODUCT NAME : Dettol Liquid (Classic)

OTHER NAMES : None

PRODUCT CODE : 07430 125 mL
07431 250 mL
07432 500 mL
07433 750 mL

UN NUMBER : None allocated

DANGEROUS GOODS CLASS : Not a dangerous good

SUBSIDIARY RISK : None allocated

HAZCHEM CODE : None allocated

PACKAGING GROUP : None allocated

POISONS SCHEDULE NUMBER : Not scheduled

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

2. COMPOSITION

Chemical Name	CAS No	Proportion (%w/w)
Chloroxylenol	88-04-0	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 NOSCH		to 100

3. HAZARDS IDENTIFICATION

Eye Contact Irritant

Skin Contact None (See Section 11)

Inhalation None

Ingestion None

HEALTH EFFECTS

ACUTE

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

4. FIRST AID MEASURES

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 (Australia 13 1126, New Zealand 0800 764 766 or 0800 POISON).
Advice to Doctor:	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

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.*
Extinguisher Type	Water, foam, carbon dioxide, dry chemical.

*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

SPILLS	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.

7. HANDLING AND STORAGE

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

8. EXPOSURE AND PERSONAL PROTECTION

Exposure Standards Exposure Standards¹ have been set for the following ingredients:

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

TWA = Time Weighted Average
STEL= Short Term Exposure Limit

¹ 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.

Flammability Not Flammable (see Flash point in Section 9)

9. PHYSICAL AND CHEMICAL PROPERTIES

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.

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Toxicity	<p>Toxicological testing of this product has been undertaken and the following results were found:</p> <p>Oral LD50: >15 mL/kg (weanling rats). Dermal LD50 (rat): >5000mg/kg Inhalation LC50 (rat) 4 hours: >5ml/L Eye irritancy (rabbit): Irritant</p> <p>Clinical testing of this product has been undertaken which indicates that the product is not irritating to the skin.</p> <p>Clinical studies using 0.24% active in this product showed no potential to cause contact sensitisation.</p> <p>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, chloroxyleneol. The results of these studies showed no evidence of potential of reproductive, mutagenic or carcinogenic.</p>
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12. ECOLOGICAL INFORMATION

Ecotoxicity	The ecotoxicity of this product has not been determined.
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13. DISPOSAL CONSIDERATIONS

Bulk Quantities	Dispose of according to Local, State and Federal regulations. Contact relevant authority for details.
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14. TRANSPORT INFORMATION

Road Transport Regulations	No special labelling.
Maritime Transport Regulations	None in appropriate packaging.
Air Transport Regulations	None in appropriate packaging.

15. REGULATORY INFORMATION

Regulatory Approvals	This product has been approved by the Therapeutic Goods Administration (TGA) AUST R 61404.
Hazardous Substances Regulation	Hazardous R36 Irritating to eyes.

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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