



## Product Safety Data Sheet

|                       |                         |                        |           |
|-----------------------|-------------------------|------------------------|-----------|
| <b>Document Code:</b> | 30754 - SD AU           | <b>Version:</b>        | 4.0       |
| <b>Description:</b>   | Dettol Liquid (Classic) | <b>Status:</b>         | Published |
| <b>Project Name:</b>  |                         | <b>Project Number:</b> |           |
| <b>Category:</b>      | ANTISEPTICS             | <b>Segment:</b>        |           |
| <b>Formula Type:</b>  | 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

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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.

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## 2. COMPOSITION

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| 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            |

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## 3. HAZARDS IDENTIFICATION

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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. |

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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 (Australia 13 1126, New Zealand 0800 764 766 or 0800 POISON). |
| 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.* |
| 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.

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#### 6. ACCIDENTAL RELEASE MEASURES

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|              |   |
|--------------|---|
| 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. |

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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 AND PERSONAL PROTECTION

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 | -                   | -       |

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. |
| 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 |

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## 11. TOXICOLOGICAL INFORMATION

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|          |   |
|----------|---|
| Toxicity | <p>Toxicological testing of this product has been undertaken and the following results were found:</p> <p>Oral LD50: &gt;15 mL/kg (weanling rats).<br/>Dermal LD50 (rat): &gt;5000mg/kg<br/>Inhalation LC50 (rat) 4 hours: &gt;5ml/L<br/>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

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

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|-----------------|---|
| Bulk Quantities | 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     | No special labelling.          |
| Maritime Transport Regulations | None in appropriate packaging. |
| Air Transport Regulations      | None in appropriate packaging. |

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## 15. REGULATORY INFORMATION

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

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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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