

SDS ADDITIONAL PAGE

Section 1: Product and Company Identification

PRODUCT SAFETY DATA SHEET: **D0059298 version 6**

PRODUCT NAME: **Dettol Antiseptic Liquid**

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, New Zealand 0622
TELEPHONE: +64 9 484 1400

Poisons Centre Information
AUSTRALIA 13 11 26
NEW ZEALAND 0800 764 766 or 0800 POISON

Section 14: Transport Information

Road & Rail Transport Regulations (ADG)

UN number None allocated
DG class Not a DG
Subsidiary risk None allocated
Packing group None allocated
Hazchem code None allocated

For long distance transport of bulk material or shrunk pallet, take into consideration sections 7 and 10.

Section 15: Regulatory Information

AUSTRALIA

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)
Poison Schedule: **Not scheduled**

Australia Inventory (AICS) : **All components are listed or exempted**

Therapeutic Goods Administration (TGA) : **AUST R 61404**

NEW ZEALAND

Ministry of Health (MoH) New Zealand Approval number : **TT50-3246**



SAFETY DATA SHEET

According to EC Regulation 1907/2006/EC

Print date: 06/07/2011

Version No.: 1.0

1. PRODUCT AND COMPANY IDENTIFICATION

Identification of the substance or preparation

MSDS No: D0059298

Commercial Product Name: DETTOL® LIQUID

Product Description: A liquid antiseptic / disinfectant.

Formula Number: 930666

UPC Number and Size: Packaged for retail sale.

Use of the Substance/Preparation

Use of the Substance / Preparation: For use in antiseptic wound cleansing and disinfectant of skin lesions and abrasions, cuts, bites and insect stings. Also for routine external antiseptics in obstetrics and midwifery; as a bath additive; as a germicidal agent for dandruff, spots and pimples. For general environmental disinfection of floors and hard surfaces, lavatories, sinks and drains.

Manufacturer: Reckitt Benckiser Healthcare Ltd. (U.K.)
Dansom Lane
HULL, HU8 7DS,
United Kingdom

Distributor: To be filled in by the local business.

E-mail Address: translate into local business eMail address

Emergency Telephone Number: RB emergency telephone for other regions to be filled out by local business.

SAFETY DATA SHEET

According to EC Regulation 1907/2006/EC

2. HAZARDS IDENTIFICATION

None based on the pattern of use prescribed for Dettol® in the Medicinal Product Marketing Authorization Application (report numbers RC020310 & RC 020311) for the U.K.

Classification

Not applicable.

Classification of Preparation / Substance:

This product is not subject to classification under chemical regulations as it is a medicinal product.

Most important hazards:**R -phrase(s):**

None.

3. COMPOSITION / INFORMATION ON INGREDIENTS**Chemical nature of the preparation** Dettol Liquid for antiseptic wound cleansing and disinfection.**HAZARDOUS COMPONENTS**

Components:	CAS-No	EINECS-No	Wt %	Classification:
CHLOROXYLENOL	88-04-0	201-793-8	1-5	Xn; R22, Xi; R43, R36/38.
ISOPROPYL ALCOHOL	67-63-0	200-661-7	10-20	Xi R36, R67. F; R11.
PINE OIL	8002-09-3	None.	5-12	Xn; R22, R38.

For the full text of the R phrases mentioned in this Section, see Section 16

SAFETY DATA SHEET

According to EC Regulation 1907/2006/EC

4. FIRST AID MEASURES

General advice:	Show the container and / or this safety data sheet to the doctor in attendance.
Inhalation:	Move to fresh air. If irritation occurs or persists or there is any trouble breathing, get immediate medical attention.
Skin contact:	Wash off contamination with plenty of water. If symptoms develop or persist seek medical advice.
Eye contact:	Undiluted product: IMMEDIATELY rinse eyes thoroughly with plenty of water. Remove any contact lenses and continue rinsing for at least 15 minutes. Get IMMEDIATE medical attention! Diluted product: IMMEDIATELY rinse eyes thoroughly with plenty of water. Remove any contact lenses and continue rinsing for at least 15 minutes. If irritation occurs or persists, get medical attention.
Ingestion:	If swallowed, rinse mouth with water, DO NOT induce vomiting! Give water or milk to drink. Seek IMMEDIATE medical advice. Show the container or product label to the medical personnel.
Protection of first-aiders:	If injured individual has clothing that is contaminated with the product, wear gloves and avoid contact with your eyes. Wash your hands with soap and water after the injured person is no longer in your care to prevent possible eye irritation from contact with any residue on your hands.
Aggravated Medical Conditions:	None known.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	As suitable for surrounding fire.
Extinguishing media which must not be used for safety reasons:	The presence of this liquid does not limit the type of extinguisher that can be used.
Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases:	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*. * Testing performed at Intertex Testing Services, Ltd., Western Jetty, Immingham Docks, Immingham, U.K., carried out in accordance with International Air Transport Association Dangerous Goods Regulations, effective January 2002.
Special protective equipment for firefighters:	Wear positive pressure self-contained breathing apparatus. Wear full protective clothing.
Specific methods:	Standard procedure for chemical fires.

SAFETY DATA SHEET

According to EC Regulation 1907/2006/EC

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Wear appropriate personal protective equipment.
Environmental precautions:	Prevent product from entering drains.
Methods for cleaning up:	<p>Small spillages: Up to 1 litre, may be cleaned up with a cloth or absorbant material.</p> <p>Medium spillages: Up to 5 litres, should be absorbed with sand, earth, sawdust or other inert material and transferred to a suitable container for subsequent disposal.</p> <p>Large spillages: Should be contained with sand, earth, sawdust or other inert material. Do not pump or release to drains. Do not contaminate water courses or ground. If necessary, pump to a safe place.</p> <p>Consult your Water Authority, Environmental Protection Agency, local council or an expert for advice on disposal.</p>

7. HANDLING AND STORAGE

Handling:

Technical measures/precautions:	None required for normal use according to the label instructions. For occupational exposures wear appropriate eye and skin protection where the potential for splashing exists.
--	--

Safe handling advice:	Handle in accordance with good industrial hygiene and safety practice. Avoid the generation of aerosol, mist or dust.
------------------------------	---

Storage:

Technical measures/storage conditions:	<p>The following requirements are in place for shipping and distribution (they may be different to those on the pack which provide guidance for long term storage by the consumer):</p> <p>Protect from direct sunlight</p> <p>Long term average storage temperature should not exceed 30°C. The following excursions are permitted:- 60°C - Not permitted 50°C - Not permitted 40°C - Not more than 8 weeks</p> <p>The product should not be stored below 10°C at any point.</p> <p>Store in original container in areas inaccessible to small children and pets. KEEP OUT OF REACH OF CHILDREN</p>
Incompatible products:	No special restrictions on storage with other products.
Specific use(s):	A liquid antiseptic and disinfectant.
Packaging material:	Packed in a container as an individual retail product.

SAFETY DATA SHEET

According to EC Regulation 1907/2006/EC

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure controls

Engineering measures to reduce exposure:

For occupational exposures, ensure adequate ventilation.
Avoid contact with the liquid. Do not swallow.

Exposure limit values

ISOPROPYL ALCOHOL

Germany TRGS900:	= 200 ppm TWA = 500 mg/m ³ TWA
Germany (DFG) - MAK	= 200 ppm MAK = 500 mg/m ³ MAK
France - Valeurs Limites d'exposition (VLE)	= 400 ppm VLE = 980 mg/m ³ VLE
Belgium - 8 Hr VLE	= 400 ppm VLE = 997 mg/m ³ VLE
Netherlands - OEL - MACs:	= 250 ppm MAC = 650 mg/m ³ MAC
Norway - 8 Hr:	= 100 ppm OEL = 245 mg/m ³ OEL
Portugal - TWAs	= 400 ppm TWA
Spain - Valores Limite Ambientales - VLE	= 400 ppm VLA-ED = 998 mg/m ³ VLA-ED
Sweden - OEL - 8 Hour	= 150 ppm LLV = 350 mg/m ³ LLV
Austria - MAKs	= 200 ppm MAK
Finland - Occupational Exposure Limits - 8 hour	= 200 ppm MAK = 500 mg/m ³ TWA

Personal protective equipment

Respiratory protection:	No personal respiratory protective equipment normally required.
Hand protection:	None required for normal recommended use. For sensitive skin or prolonged use, wear rubber gloves.
Eye protection:	None required under recommended product use. If splashing is likely to occur or for occupational exposures, wear appropriate eye protection. Emergency responders should wear full eye and face protection.
Skin and body protection:	None required under normal recommended use conditions. In case of continuous exposure or occupational operations, wear lightweight protective clothing. Emergency responders should wear impermeable clothing and footwear when responding to a situation where contact with the liquid is possible.
Hygiene measures	When using, do not eat, drink or smoke.

Environmental exposure controls

Local authorities should be advised if significant, large quantity spillages cannot be contained.

SAFETY DATA SHEET

According to EC Regulation 1907/2006/EC

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Physical state: Liquid.
Appearance: Clear liquid.
Colour: Amber.
Odour: Characteristic chemical odour. Mild. Pine.

Important Health Safety and Environmental Information

pH: 9.90 - 10.15
Flash point: Dettol® Liquid, 40 (°C) *

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

Flammability (solid, gas): Not applicable.
Explosive properties: Not applicable.
Oxidising properties: No information available
Vapour pressure: No information available.
Relative density: No information available
Density: Filled product density (@ 20° C): 0.969 - 1.009
Solubility: Water solubility: Completely miscible.

10. STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions.
Conditions to avoid: Store away from excessive heat and moisture.
Materials to avoid: No information available.
Hazardous decomposition products: Oxides of carbon and unknown organic compounds.
Polymerization: Hazardous polymerisation does not occur.

11. TOXICOLOGICAL INFORMATION**Product Information****Post Marketing:**

Post marketing experience demonstrates that the overall incidence of adverse events with Dettol® Liquid is very low, particularly when viewed in the context of its long history and widespread usage.

Dettol® Liquid is of low acute toxicity by the oral route. Further support is provided from reports of volumes of up to 300 ml having been ingested by adults and children without any lasting effects.

Oral toxicity of Dettol® Liquid:

LD50 in Weaning rats (female) - 17.4 ml/kg body weight.

LD50 in weaning rats (male) - 15.9 ml/kg body weight.

LD50 in mice - 9.85 ml/kg body weight.

Dettol® Liquid is of low acute toxicity by the dermal route.

Dermal toxicity of Dettol® Liquid:

LD50 (rabbit) >2,000 mg/kg body weight.

Inhalation toxicity: Not applicable.

Local effects**Skin irritation:**

None expected during normal conditions of use.

Eye irritation:

None expected during normal use.

May cause eye irritation upon direct contact with eyes.

Undiluted Dettol® Liquid can cause severe eye irritation but washing eyes immediately after application significantly reduces the adverse effect. Contact with neat Dettol® Liquid should be avoided.

Inhalation

None expected during normal conditions of use.

Ingestion

Health injuries are not known or expected under normal use.

Sensitization

Not expected to be a skin sensitiser.

Clinical data demonstrates a low incidence of skin reactions and sensitivity to Dettol® Liquid. This is further supported by the low level of post marketing reports.

In human studies undiluted Dettol® Liquid caused only transient erythema that resolved in most cases in 24 hours. 5% solutions have a low irritant effect on humans. A human study with 79 volunteers demonstrated no evidence of skin sensitization following a challenge application of 1% liquid. No evidence of skin sensitization was reported in human studies with challenge concentrations up to 10% Chloroxylenol.

Chronic toxicity:

Dermal - Clinical experience provides no evidence of systemic toxicity following repeated topical administration of Dettol® Liquid. In addition, systemic toxicity was not reported in rats treated with the liquid at 1%, 10% and 25% dilution for 21 days.

Oral - Repeated oral administration of Dettol® Liquid (at up to 50% dilution) to laboratory species induced only minor changes in haematological parameters and organ weights without supporting histopathology..

Specific effects

SAFETY DATA SHEET

According to EC Regulation 1907/2006/EC

Carcinogenic effects:	Not listed as carcinogenic by OSHA, NTP or IARC. No carcinogenicity studies have been conducted on Dettol® Liquid. There is no evidence of carcinogenicity in mice following a lifetime of exposure to Chloroxylenol.
Mutagenic effects:	Chloroxylenol is also without mutagenic activity.
Reproductive toxicity:	There is no evidence to suggest that components of Dettol® Liquid are reproductive or developmental toxicants.
Additional Information	Information is based on data on the components and the toxicology of similar products. This formulation of Reckitt Benckiser Healthcare Ltd. is lodged with the National and Regional Poisons Information Centres, where advice is available to medical practitioners only. In case of emergency contact a medical practitioner or Reckitt Benckiser Healthcare Ltd., Hull, U.K. at Tel: (+44) 01 482 326151 and ask for the emergency medical extension.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Ecological Information: No data available.

Product Information

Aquatic toxicity: No information available.

Component Information:

CHLOROXYLENOL

Ecotoxicity:
= 0.77 mg/L LC50 rainbow trout
= 1.6 mg/L EC50 Photobacterium phosphoreum
= 2.7 mg/L LC50 bluegill sunfish
= 4.5 mg/L EC50 water flea Static

ISOPROPYL ALCOHOL

Ecotoxicity:
= 35390 mg/L EC50 Photobacterium phosphoreum
= 61200 mg/L LC50 fathead minnow (31 days old) flow-through
= 94900 mg/L LC50 fathead minnow (29 days old) flow-through

PINE OIL

Ecotoxicity: = 3.32 mg/L LC50 water flea

Other information:

Ozone depletion potential; ODP; (R-11 = 1) = No information available.

Global warming potential (GWP) = No information available.

Additional ecological information: Information given is based on data on the components and the ecotoxicology of similar products.

SAFETY DATA SHEET

According to EC Regulation 1907/2006/EC

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:

Consumer instructions - Liquid may be disposed of by pouring to drain and rinsing with large quantities of water.
Packaging may be disposed of with normal household waste.
Bulk quantities (unsold stock) - dispose of in accordance with local / national legislation.

Contaminated packaging:

Empty container can be disposed of as household trash or rinsed and recycled where appropriate.

Further information

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.

Waste codes should be assigned by the user based on the application for which the product was used.

Dispose of in accordance with local, regional or national requirements. For further information contact your local waste authority.

14. TRANSPORT INFORMATION

UN-No:

Not a hazardous good.

The supply chain temperature limits provided in section 7 must be adhered to during transportation.

ADR / RID

Classification: Not regulated. Not a Hazardous good.
Subsidiary risk: Not applicable.
Hazard Identification Number: Not applicable.

IMDG / IMO

Classification: None in appropriate packaging.
Subsidiary risk: Not applicable.
Marine pollutant: Not applicable.
EMS: Not applicable.

ICAO \ IATA

Classification: None in appropriate packaging.
Subsidiary risk: Not applicable.
Maximum quantity: Not applicable.

SAFETY DATA SHEET

According to EC Regulation 1907/2006/EC

15. REGULATORY INFORMATION

In accordance with local and national regulations:

This is a medicinal product in terms of Section 130 of the Medicines Act of 1968.
Legal category: GSL

Labelling:

FOR EXTERNAL USE ONLY!
If swallowed, wash out mouth and drink plenty of water or milk. If contact is made with the eyes, wash thoroughly with cold water. In both cases consult a doctor and take the product container (bottle) with you.
KEEP OUT OF REACH OF CHILDREN.

R- Phrase(s):

This product is not classified and requires no "R-Phrases(s):"

S -phrase(s):

Not applicable.

SAFETY DATA SHEET

According to EC Regulation 1907/2006/EC

16. OTHER INFORMATION

Text of R Phrases mentioned in Section 3

Risk Phrases:

- R11 - Highly flammable.
- R22 - Harmful if swallowed.
- R36 - Irritating to eyes.
- R38 - Irritating to skin.
- R43 - May cause sensitization by skin contact.
- R67 - Vapors may cause drowsiness and dizziness.

Reason for revision:

Update NZ new address & phone number.

Prepared by:

Reckitt Benckiser (U.S.) Inc.
Product Safety Department
1 Philips Parkway
Montvale, New Jersey 07646-1810 USA.
FAX: 201-476-7770.

This document complements the technical usage instructions but does not replace them. The information contained herein is based on our best current knowledge of the product concerned, and is given in good faith. The attention of recipients is drawn to (amongst other things) the element of risk consequent to use of the product other than that for which it was intended. In no way does this document remove the need of the recipient of the product to fully understand and apply statutory requirements. It is the recipient's sole responsibility to take due precautions relative to the use made of the product. All information contained herein is only to assist the recipient in fulfilling their statutory duty connected with the use of hazardous materials. This list of information must not be considered as exhaustive, and does not exonerate the recipient from taking other precautions described in documents other than those mentioned, concerning the storage and use of the product, for which they remain the sole person responsible.

Additional Information:

Dettol® is a Trademark of Reckitt Benckiser.
Dettol® Website: www.dettol.co.uk

Data sources used in the preparation of this Safety Data Sheet:
Supplier's Raw Material Safety Data Sheets.

End of Safety Data Sheet