

Issue Date: 02/07/2021
Last Revision Date: 18/09/2025
Superseded Date: 02/07/2021
Version Number: 02

SAFETY DATA SHEET

Product Code: DETTOL500

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SECTION 1 PRODUCT IDENTIFICATION

Product Name Dettol Antiseptic Disinfectant Liquid
Other Names Dettol Antiseptic
Recommended Use A liquid antiseptic/disinfectant to be diluted 1 :20 with water for use on the skin.

SECTION 2 HAZARD IDENTIFICATION

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

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No
Chloroxylenol	88-04-0
Pine Oil	8002-09-3
Isopropyl alcohol	67-63-0
Other ingredients classified as not hazardous according to NOHSC	

SECTION 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.
Advice to Doctor Treat symptomatically

SECTION 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.
Flammability Not Flammable (see Flash point in Section 9)

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Extinguisher Type Water, foam, carbon dioxide, dry chemical.
Hazchem Code None allocated

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

SECTION 6 ACCIDENTAL RELEASE MEASURES

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.

SECTION 7 HANDLING AND STORAGE

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

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards Exposure Standards 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

'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.

SECTION 9 PHYSICAL/CHEMICAL PROPERTIES

Physical State Liquid
Appearance Clear
Colour Amber
Boiling Point 82.5°C (Isopropyl alcohol)

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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.

SECTION 10 STABILITY AND REACTIVITY

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

SECTION 11 TOXICOLOGICAL INFORMATION

Product Toxicity	<p>Toxicological testing of this product has been undertaken and the following results were found: Oral LOSO: >15 ml/kg (weanling rats). Dermal LOSO (rat): >5000mg/kg Inhalation LCSO (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, chloroxylenol. The results of these studies showed no evidence of potential of reproductive, mutagenic or carcinogenic.</p>
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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SECTION 12 ECOLOGICAL INFORMATION

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

SECTION 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.

SECTION 14 TRANSPORT INFORMATION

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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SECTION 15 REGULATORY INFORMATION

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

SECTION 16 OTHER INFORMATION

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)

Reason for update: to Bring to Date

END OF SDS