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Description:	DETOL HAND SANITIZER	Status:	Published
Project Name:		Project Number:	
Category:	Antiseptics	Segment:	Other Antiseptics
Formula Type:	Fill Formula		

PSDS

PSDS



EU PSDS : D0056641_Dettol Antibacterial Hand Sanitizer Gel_V9.0_EU PSDS_08-18-2010.pdf

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1. PRODUCT and COMPANY IDENTIFICATION

Product Name Dettol Instant Hand Sanitizer

Other Names None

Product Code(s) 0095654 Original 50mL
0095655 Original 200mL
0144556 Refresh 50mL
0144557 Refresh 200mL
0188742 Chamomile 50mL

Recommended Use Hand sanitizer

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

EAST ASIA

COMPANY: Reckitt Benckiser East Asia
ADDRESS: 47 Scotts Rd
#17-01, Goldbell Towers
Singapore 228233
TELEPHONE: (65) 238 7028

Poisons Centre Information

AUSTRALIA 13 1126
NEW ZEALAND 0800 764 766 or 0800 POISON

2. HAZARD(S) IDENTIFICATION

**HAZARDOUS ACCORDING TO NOHSC CRITERIA
DANGEROUS 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 the reach of children.
S16 Keep away from heat.
S25 Avoid contact with eyes.

3. COMPOSITION

Chemical Name	CAS No	Proportion (%w/w)
Ethanol	64-17-5	>60
Acrylate Copolymer	Proprietary	<1
Fragrance	Mixture	<1
Other ingredients classified as not hazardous according to NOHSC		to 100

4. FIRST AID MEASURES

Eye Contact Wash eyes immediately with large amount of water. If irritation persists, contact a doctor.

Skin Contact Wash off with warm water and soap. 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.

5. FIRE-FIGHTING MEASURES

Specific Dangers	Flammable liquid.
Flammability	Flammable.
Extinguisher Type	Foam, carbon dioxide, dry powder. Use water spray to cool fire only.
Hazchem code	2[Y]

6. ACCIDENTAL RELEASE MEASURES

Emergency and Evacuation Procedures	Keep area well ventilated. Remove all sources of ignition and avoid generating sparks or static discharge.
Minor Spills	Mop up spill and wash area with water and detergent.
Major Spills	Contain spill. Collect product using a suitable absorbent material such as vermiculite. Shovel material into clean, dry, labelled containers and close lids. Do not allow product to enter waterways.

7. HANDLING AND STORAGE

Handling	Product is regulated as a Class 3 DG when handled in quantities exceeding 300mL. Handle accordingly.
Storage	Product is regulated as a Class 3 DG when stored in quantities exceeding 300mL. Store accordingly. Store below 30 °C. Keep away from fire or flame.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

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

Ingredient	CAS No.	TWA ppm mg/m ³	STEL ppm mg/m ³	Carcinogen Category	Notices
Ethanol	64-17-5	1000	1880	-	-

TWA = Time Weighted Average

STEL= Short Term Exposure Limit

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

Exposure Standards - New Zealand Exposure Standards⁽²⁾ have been set for the following ingredients:

Ingredient	CAS No.	TWA	STEL
		ppm ^(b)	mg/m ^{3(c)} ppm ₃ mg /m
Ethyl alcohol	64-17-5	1000	1880 ^(d) - -

TWA = Time Weighted Average

STEL= Short Term Exposure Limit

⁽²⁾ Workplace Exposure Standards endorsed by the Occupational Safety and Health Service (OSH) of the
Department of Labour; Revised: January 2002

^(b) Parts of vapour or gas per million of contaminated air by volume at 25°C and 760 torr.

^(c) Milligrams of substance per cubic metre of air.

Engineering Controls Ensure adequate ventilation. Maintain air concentrations below exposure standards.

Personal Protection When handling bulk quantities, wear suitable safety glasses, protective clothing and impervious gloves. Where ventilation is insufficient, a suitable respirator should be worn.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Gel
Appearance	Clear
Colour	Original - Colourless/water white Refresh - Light green Chamomile - Light pink
Boiling Point	76°C (Ethanol)
Vapour Pressure	5.7 kPa @ 20°C (ethanol)
Specific Gravity	0.87-0.90 @ 25°C
pH	6.5 - 8.0 @ 25°C
Flashpoint	24°C
Solubility in Water	Soluble
Viscosity	4,000 - 8,000 cps @ 25 C (Brookfield RV Spindle #6 @ 20 rpm)

10. STABILITY AND REACTIVITY

Stability	Stable under normal use conditions.
Dangerous Reactions	May develop static charge when poured and ignite vapours.
Decomposition Products	Products may include oxides of carbon.

11. TOXICOLOGICAL INFORMATION

Product Toxicity	The toxicity of this product has not been determined.
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	Will cause irritation to eyes.
Skin	May cause irritation to the skin with repeated/prolonged contact.
Inhaled	Mists/vapours may cause irritation to the upper respiratory tract and may cause depression of the central nervous system.
Swallowed	May cause irritation to the upper gastrointestinal tract.
Chronic Effect(s)	The chronic toxicity of this product has not been determined.

12. ECOLOGICAL INFORMATION

Product Ecotoxicity	The ecotoxicity of this product has not been determined.
Component Ecotoxicity	Based on component ecotoxicity data the product is not an environmental hazard.

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.
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14. TRANSPORT INFORMATION

Road Transport Regulations (ADG 6)

UN number:	UN 1170
Proper shipping name:	ETHANOL SOLUTION
DG class:	3
Subsidiary risk:	None allocated
Packing group:	III

Hazchem code: 2[Y]

Maritime Transport Regulations (IMDG)

UN number: UN 1170
Proper shipping name: ETHANOL SOLUTION
DG class: 3
Subsidiary risk: None allocated
Packing group: III

Air Transport Regulations (IATA)

UN number: UN 1170
Proper shipping name: ETHANOL SOLUTION
DG class: 3
Subsidiary risk: None allocated
Packing group: III

15. REGULATORY INFORMATION

AUSTRALIA

Regulatory Status Not applicable.

Hazardous Substances Regulation Hazardous

Risk Phrase(s) R36 Irritating to eyes

Environmental Risk Phrase None

Safety Phrase(s) S2 Keep out of the reach of children.
S16 Keep away from heat.
S25 Avoid contact with eyes.

SUSDP Not scheduled

NEW ZEALAND

Regulatory Status This product has been approved under HSNO covered by Cosmetic Products Group Standard 2006 HSR002552.

Approved Handler Not required

Tracking Not Required

16. OTHER INFORMATION

CONTACT POINT

ASIA, 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
 IATA = International Air Transport Association
 SUSDP = Standard for the Uniform Scheduling of Drugs and Poisons (Australia)

Where Used

Where Used	
Customer Product Bill of Material	Formulation Bill of Material
0301499 : DETOL,ID,HS STH50ML + DHW10ML	0262665 : FIL,DETOL,BLUSH/SOOTHE
0301498 : DETOL,ID,HS RFS50ML + DHW10ML	0262660 : FIL,DETOL,REFRESH
0301497 : DETOL,ID,HS ORG50ML + DHW10ML	0257528 : FIL,DETOL,HAND GEL ORIGINAL
0287897 : DETOL,AZ,IHS ORIG 50MLX6 PK	0257254 : FIL,DETOL,HAND GEL ORIGINAL
0281248 : ESPDL,AR,ESP.DET. HS A.VER 200	0170697 : FIL,DETOL,BLUSH/SOOTHE IHS
0281244 : ESPDL,AR,ESP DET HS A.VERA 50	0138163 : FIL,DETOL,HAND GEL REFRESH
0264687 : DETOL,AZ,IHS50ML PREPAK	0129617 : FIL,DETOL,HAND GEL ORIGINAL KR
0260295 : DETOL,KR,HS 550ML	0087620 : FIL,DETOL,HAND GEL ORIGINAL
0259473 : DETOL,OO,HAND SANI 50ML REFRSH	
0259472 : DETOL,TH,HANDSANITIZER[OR]50ML	
0259471 : DETOL,TH,HANDSANITIZER[O]200ML	
0259470 : DETOL,TH,HANDSANITIZER[RF]50ML	
0259469 : DETOL,TH,HANDSANITIZER[R]200ML	
0259257 : DETOL,KR,HS SKINCARE 200ML	
0259256 : DETOL,KR,HS SKINCARE 50ML KA	
0259255 : DETOL,KR,HS SKINCARE 50ML	
0256713 : DETOL,KR,HS 50ML RB BT CAP KL	
0256712 : DETOL,KR,HS 50ML RB BT CAP KA	
0256710 : DETOL,KR,HS 200ML RB BT CAP K	
0256707 : DETOL,KR,HS 200ML RB BT PUMP K	
0255251 : DETOL,OO,HAND SANI 200ML ORIG	
0251813 : DETOL,OO,HAND SANI 50ML ORIG	
0250631 : DETOL,KR,HS 200ML(KOLMAR)	
0250630 : DETOL,KR,HS 50ML(KOLMAR)	
0250629 : DETOL,KR,HS 50ML(KA-KOLMAR)	
0138506 : SAGTN,DE,48X50ML	
0138503 : SAGTN,DE,12X200ML	

History

Document History (Ver. 9.0)

Author:	Purna Trivedi/AANZ/R_B
Co-Author:	Kathleen Hubert/AANZ/R_B Scott Fahy/AANZ/R_B
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Revision Reason:	Revised EU PSDS. Section 5 & 9 - Flash point value

has been changed to 24°C (75.2°F).

Revision History Published		Revision Reason	Author
8.0	7 Apr 10	Revised EU PSDS. Section 1 - Addition of	Purna Trivedi/AANZ/R_B
7.0	1 Sep 09	Chartres Formulations (#0257254, 0262660 &	Purna Trivedi/AANZ/R_B
6.0	27 Nov 08	0262665) and addition of new size for original	Maria Vigorito/AANZ/R_B
5.0	7 Nov 08	variant (2.9L). Section 7 (Storage) - Added	Purna Trivedi/AANZ/R_B
4.0	29 Oct 08	phrase - "Keep at temperatures below 30°C."	Mimi Cruz/AANZ/R_B
3.0	2 Apr 08	To attach EU PSDS. EU PSDS has been	Maria Vigorito/AANZ/R_B
2.0	2 Dec 05	revised & updated with addition of two variants	Mimi Cruz/AANZ/R_B
1.0		(#0138163 & 0170697). Previously attached to	Mimi Cruz/AANZ/R_B
		D0202819_V1.0 - Which has been deleted since	
		PSDS #D0202819 was not linked to following	
		BOMs (0087620_v1.0, 0138163_v2.0,	
		0170697_v1.0).	
		Reinstate version 4 archived in error.	
		Attached EU PSDS and archived AUS PSDS	
		(Version 4.0).	
		Addition of variant.	
		Solution colour change.	
		Update formula.	
		New Document	

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