



## Product Safety Data Sheet

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<b>Description:</b>	Pine O Clean Antibacterial Kitchen Cleaner	<b>Status:</b>	Published
<b>Revision Reason:</b>	Change product code and update formula.	<b>Issue Date:</b>	25 Jul 2007

PSDS

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### 1. PRODUCT and COMPANY IDENTIFICATION

Product Name Pine O Clean Antibacterial Kitchen Cleaner

Other Names None

Product Code(s) 0019561 500mL Trigger

Recommended Use Surface cleaner

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

Poisons Centre Information

AUSTRALIA 13 1126  
NEW ZEALAND 0800 764 766 or 0800 POISON

## 2. HAZARD(S) IDENTIFICATION

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### HAZARDOUS ACCORDING TO CRITERIA OF NOHSC NON-DANGEROUS GOODS ACCORDING TO ADG CODE (See Section 14)

RISK PHRASE(S) (See Section 15)	R36 Irritating to eyes
SAFETY PHRASE(S)	S25 Avoid contact with eyes. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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## 3. COMPOSITION / INFORMATION ON INGREDIENTS

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Chemical Name	CAS No	Proportion (%w/w)
Benzalkonium chloride	8001-54-5	0.1
Ethanolamine	141-43-5	<1
n-Decanol	112-30-1	<1
Nonionic Surfactant	1643-20-5	<1
Perfume		<1
Other ingredients classified as not hazardous according to NOHSC		to 100

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## 4. FIRST AID MEASURES

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Eye Contact	Wash immediately with a 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 Poisons Information Centre.
Advice to Doctor	Treat symptomatically.

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## 5. FIRE-FIGHTING MEASURES

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Specific Dangers	None
Flammability	Not flammable.
Extinguisher Type	Water, carbon dioxide, dry chemical or foam.
Hazchem code	None allocated.

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## 6. ACCIDENTAL RELEASE MEASURES

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Emergency and Evacuation  
Procedures

Ensure adequate ventilation.

Small spills

Collect spilt material with a mop and wash area with water and detergent.

Major spills

Contain spill. Collect spilt substance using a suitable adsorbent material such as vermiculite. 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 specific requirements.

Storage

Store in a cool dry area away from direct sunlight.

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### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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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		
Ethanolamine	141-43-5	7.5	3	15	6	-	-

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

Use in well ventilated areas. Maintain air concentrations below exposure standards.

Personal Protection

When handling bulk material, suitable safety glasses, protective clothing and impervious gloves should be worn. If ventilation is insufficient, a suitable respirator should be worn.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

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Physical State

Liquid

Appearance

Clear

Colour

Colourless to faint yellow

Boiling Point

100°C (water)

Vapour Pressure

2.3 kPa at 20°C (water)

Specific Gravity

1.0 at 25°C

Flashpoint

Not flammable

pH	10.5 - 11.5 (neat) at 25°C (Low titratable reserve)
Solubility in Water	Miscible

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#### 10. STABILITY AND REACTIVITY

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

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#### 11. TOXICOLOGICAL INFORMATION

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Product Toxicity	The toxicity of this product has not been determined. The hazard identifications in Section 2 were derived from the known effects of the individual ingredients and their concentrations in the product.
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#### Summary of Product Toxicity Effects

#### Acute Effect(s)

Eye	Will cause irritation to the eyes.
Skin	May cause irritation to the skin with prolonged/repeated exposure.
Inhaled	Mists/vapours may cause irritation of the upper respiratory tract.
Swallowed	May cause irritation of the gastrointestinal tract.
CHRONIC	The chronic effects have not been determined.

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#### 12. ECOLOGICAL INFORMATION

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Product Ecotoxicity	The ecotoxicity of this product has not been determined. However, this product contains a quaternary ammonium compound which is toxic to aquatic organisms.
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#### 13. DISPOSAL CONSIDERATIONS

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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

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Road Transport Regulations (ADG 6 Aust.)	
UN number:	None allocated
Proper shipping name:	None allocated
DG class:	Not a Dangerous Good

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 Dangerous Good  
Subsidiary risk: None allocated  
Packing group: None allocated

Air Transport Regulations (IATA)

UN number: None allocated  
Proper shipping name: None allocated  
DG class: Not a Dangerous Good  
Subsidiary risk: None allocated  
Packing group: None allocated

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## 15. REGULATORY INFORMATION

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Regulatory Approvals This product has been approved by:  
- HSNO NZ Approval No.; HSR002530

Hazardous Substances Regulations Hazardous

RISK PHRASE(S) R36 Irritating to eyes

SAFETY PHRASE(S) S25 Avoid contact with eyes.  
S26 In case of contact with eyes, rinse immediately with plenty of water  
and seek medical advice.

SUSDP Not scheduled

CHEMICAL INVENTORIES

AICS All chemicals in this product are listed on the Australian  
Inventory of Chemical Substances (AICS).

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## 16. OTHER INFORMATION

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### CONTACT POINT

AUSTRALIA & NEW ZEALAND:

Regulatory, Safety & Environmental Services

Within Australia Ph: (02) 9857 2000

Outside Australia Ph: 61 (02) 9857 2000

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is solely the responsibility of the user to determine safe conditions for use of this product and to assume liability for any loss, damage or expense whatsoever arising out of the product's improper use.

#### KEY/LEGEND

AICS = Australian Inventory of Chemical Substances

NOHSC = National Occupational Health and Safety Commission (Australia)

SUSDP = Standard for the Uniform Scheduling of Drugs and Poisons (Australia)

ADG = Australian Code for the Transport of Dangerous Goods by Road and Rail

IMDG = International Maritime Organization Rules

IATA = International Air Transport Association

HSNO = Hazardous Substances and New Organisms

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