

**Document Code:** D0190670

**Version:** 2.0

**Description:** PINOC,SHOWER BLEACH TRIGGR

**Status:** Published

**Revision Reason:** New labels - Change from 'All in 1' to 'Complete Clean'.  
Remove reference to All in 1

**Issue Date:** 20 May 2010

PSDS

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## 1. PRODUCT and COMPANY IDENTIFICATION

**Product Name** Pine O Clean Shower Cleaner with Bleach

**Other Names** none

**Product Code(s)** 0186291 500mL

**Recommended Use** Bathroom 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

### HAZARDOUS ACCORDING TO NOHSC CRITERIA

## DANGEROUS GOODS ACCORDING TO ADG CODE (See Section 14)

**RISK PHRASE(S)** R31 Contact with acids liberates toxic gas.  
(See Section 15) R36/38 Irritating to eyes and skin

**ENVIRONMENTAL RISK PHRASE** None

**SAFETY PHRASE(S)** S2 Keep out of the reach of children.  
S24/25 Avoid contact with skin and eyes.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S28 After contact with skin, wash immediately with plenty of water.  
S46 If swallowed, seek medical advice immediately and show this container or label.  
S51 Use only in well ventilated areas.

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### 3. COMPOSITION / INFORMATION ON INGREDIENTS

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Chemical Name	CAS No	Proportion (% w/w)
Sodium hypochlorite	7681-52-9	<10 (21.8g/L)
Sodium hydroxide	1310-73-2	<10 (10.0g/L)
Alkyl ether sulfate C12-14 with EO	68891 -38-3	<10
Coco alkyl dimethylamine oxide	61788-90-7	<10
Alkaline salt		<1 (7.4g/L)
Eucalyptus oil	84625-32-1	<0.1
Other ingredients classified as not hazardous according to NOHSC		to 100

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### 4. FIRST AID MEASURES

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<b>Eye Contact</b>	If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.
<b>Skin Contact</b>	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.
<b>Inhalation</b>	Remove to fresh air. If breathing difficulties are experienced, seek medical attention.
<b>Ingestion</b>	If swallowed, do NOT induce vomiting. Give 2 glasses of water to drink. Contact a doctor or a Poisons Centre Information.
<b>Advice to Doctor:</b>	Treat symptomatically.

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### 5. FIRE-FIGHTING MEASURES

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<b>Specific Dangers</b>	May release Hydrochloric acid fumes and toxic fumes of chlorine when heated. Use a self-contained breathing apparatus.
<b>Flammability</b>	Not flammable.
<b>Extinguisher Type</b>	Water, foam, carbon dioxide.
<b>Hazchem code</b>	2X

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## 6. ACCIDENTAL RELEASE MEASURES

### Emergency and Evacuation

**Procedures** Keep area well ventilated.

**Minor Spills** Mop up spills with water and detergent.

**Major Spills** Contain spill. Collect product using a suitable absorbent material such as vermiculite. Shovel into clean, dry, labelled containers and close lids. Do not allow material to enter waterways.

## 7. HANDLING AND STORAGE

**Handling** Class 8 DG. Handle accordingly.

**Storage** Class 8 DG. Store accordingly.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Standards - Australia

Exposure Standards<sup>(1)</sup> have been set for the following ingredients:

Ingredient	CAS No. <sup>(a)</sup>	TWA		STEL		Carcinogen Category	Notices
		ppm <sup>(b)</sup>	mg/m <sup>3(c)</sup>	ppm <sup>(b)</sup>	mg/m <sup>3(c)</sup>		
Sodium hydroxide	1310-73-2	-	2 Peak Limitation	-	-	-	-
	7782-50-5	1	3 Peak limitation	-	-	-	-
Chlorine <sup>(3)</sup>							

### Exposure Standards - New Zealand

Exposure Standards<sup>(2)</sup> have been set for the following ingredients:

Ingredient	CAS No. <sup>(a)</sup>	TWA		STEL	
		ppm <sup>(b)</sup>	mg/m <sup>3(c)</sup>	ppm <sup>(b)</sup>	mg/m <sup>3(c)</sup>
Sodium hydroxide	1310-73-2	-	Ceiling 2	-	-
Chlorine <sup>(3)</sup>	7782-50-5	0.5	1.5	1	2.9

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]

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

<sup>(a)</sup> CAS #, Chemical Abstracts Service Registry. A unique numbering identifier is assigned to each individual chemical.

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

<sup>(c)</sup> Milligrams of substance per cubic metre of air.

<sup>(3)</sup> Chlorine is a decomposition product from Hypochlorite only after strong acidification. Under normal conditions no hazardous decomposition products are released.

<b>Engineering Controls</b>	Keep area well ventilated.
<b>Personal Protection</b>	When handling bulk quantities, wear suitable gloves, safety glasses and protective clothing. If ventilation is insufficient, a suitable respirator should be worn.
<b>Work/Hygienic Practices</b>	Wash thoroughly with soap and water after handling.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Physical State</b>	Liquid
<b>Appearance</b>	Slight Viscous, clear
<b>Colour</b>	Pale yellow
<b>Boiling Point</b>	100°C (water)
<b>Vapour Pressure</b>	2.3 kPa (water)
<b>Specific Gravity</b>	1.0 - 1.1 at 25°C
<b>Flashpoint</b>	Not flammable
<b>Solubility in Water</b>	Miscible
<b>pH</b>	12.5 - 13.5 (neat) at 25°C
<b>Available Chlorine (% w/w) as Cl<sub>2</sub></b>	1.9 - 2.2%

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## 10. STABILITY AND REACTIVITY

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<b>Stability</b>	Stable under normal conditions.
<b>Dangerous Reactions</b>	Do not mix with detergents and other chemicals. Will react with acids to release chlorine gas. Product is corrosive to aluminum.
<b>Incompatible Materials</b>	Strong acids.
<b>Decomposition Products</b>	Products may include oxides of carbon, sulphur and hydrogen chloride.

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## 11. TOXICOLOGICAL INFORMATION

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<b>Product Toxicity</b>	The toxicity of this product has not been determined.
<b>Component Toxicity</b>	The hazard identifications in Section 2 were derived from the known effects of the individual ingredients and their concentrations in the product.
<b>Summary of Product Toxicity Effects</b>	
<b>Acute Effect(s)</b>	
<b>Eye</b>	Will cause irritation to the eyes.
<b>Skin</b>	Will cause irritation to the skin
<b>Inhaled</b>	May cause irritation to the upper respiratory tract.

<b>Swallowed</b>	May cause irritation to the gastrointestinal tract.
<b>Chronic Effect(s)</b>	The chronic toxicity of this product has not been determined.

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## 12. ECOLOGICAL INFORMATION

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

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## 13. DISPOSAL CONSIDERATIONS

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<b>Disposal Method</b>	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)

UN number:	3266 *
Proper shipping name:	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (SODIUM HYPOCHLORITE, SODIUM HYDROXIDE)
DG class:	8
Subsidiary risk:	None allocated
Packing group:	III
Hazchem code:	2X

### Maritime Transport Regulations (IMDG)

UN number:	3266 *
Proper shipping name:	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (SODIUM HYPOCHLORITE, SODIUM HYDROXIDE)
DG class:	8
Subsidiary risk:	None allocated
Packing group:	III
Hazchem code:	2X
Marine Pollutant:	Not a Marine Pollutant

### Air Transport Regulations (IATA)

UN number:	3266 *
Proper shipping name:	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (SODIUM HYPOCHLORITE, SODIUM HYDROXIDE)
DG class:	8
Subsidiary risk:	None allocated
Packing group:	III
Hazchem code:	2X

\* Corrosive to aluminum.

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## 15. REGULATORY INFORMATION

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### AUSTRALIA

**Regulatory Status** This product has been approved by TGA Australia: AUST L 60115.

**Hazardous Substances Regulation** Hazardous

**Risk Phrase(s)** R31 Contact with acids liberates toxic gas.  
(See Section 15) R36/38 Irritating to eyes and skin

<b>Environmental Risk Phrase</b>	None
<b>Safety Phrase(s)</b>	S2 Keep out of the reach of children S24/25 Avoid contact with skin and eyes. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 After contact with skin, wash immediately with plenty of water. S46 If swallowed, seek medical advice immediately and show this container or label. S51 Use only in well ventilated areas.
<b>SUSDP</b>	S5 (Sodium hydroxide)
<b>NEW ZEALAND Regulatory Status</b>	This product has been approved under HSNO covered by Cleaning Products (Corrosive) Group Standard 2006 HSR002526.
<b>Approved Handler</b>	Not required
<b>Tracking</b>	Not required

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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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### KEY/LEGEND

NOHSC = National Occupational Health and Safety Commission (Australia)  
ADG = Australian Code for the Transport of Dangerous Goods by Road and Rail  
DG = Dangerous Goods  
N.O.S. = Not otherwise specified  
IMDG = International Maritime Dangerous Goods  
IATA = International Air Transport Association  
TGA = Therapeutic Goods Administration (Australia)  
AICS = Australian Inventory of Chemical Substances  
SUSDP = Standard for the Uniform Scheduling of Drugs and Poisons (Australia)  
HSNO = Hazardous Substances and New Organisms Act 1996

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