



## PRODUCT SAFETY DATA SHEET

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### 1. PRODUCT AND COMPANY IDENTIFICATION

**Commercial Product Name:** FINISH Concentrate Powder - all scents

**Formula Number:** #0258976; 0357010 (fresh)  
#0305999; 0357011 (lemon)  
#0306001; 0373968 (orange)

**Recommended use** Detergent for use in domestic automatic dishwashers

**Supplier:**

AUSTRALIA  
Reckitt Benckiser (Australia) Pty Limited  
44 Wharf Road, West Ryde NSW 2114  
TEL: (02) 9857 2000

NEW ZEALAND  
Reckitt Benckiser (New Zealand) Limited  
Lincoln Manor  
289 Lincoln Road, Henderson, Auckland 0610  
TEL: (09) 839 0200

**Manufacturer:**

Reckitt Benckiser (Australia) Pty Ltd.  
44 Wharf Road,  
West Ryde NSW 2114  
AUSTRALIA.

Reckitt Benckiser Korea  
#650 Sukam-dong  
Iksan Junbuk  
Korea 570-330  
Contact Numbers  
T +82 63 830 6500  
F +82 63 834 2367

**Commercial Product Name:** FINISH Concentrate Powder - all scents

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**Emergency Telephone Number:** (02) 9857 2000 (8 am to 5 pm EST Australia)  
(02) 9857 2444 (5 pm to 8 am EST Australia)

Telephone: 82 2 421 6789 (RB KOREA)  
Telex/ FAX: 82 2 6003 4152

AFTER HOURS EMERGENCY TELEPHONE: 82 2 421 6789.

**POISONS CENTRE INFORMATION** Australia - 13 11 26  
New Zealand - 0800 764 766 or 0800 POISON

**Australian Business Number (ABN):** 17 003 274 655

## 2. HAZARDS IDENTIFICATION

**Hazardous Substance According to Criteria of NOHSC Australia  
Not classified as dangerous goods according to the ADG Code.**

**R -phrase(s)** R36 - Irritating to eyes

**S -phrase(s)** S 2 - Keep out of the reach of children  
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  
S46 - If swallowed, seek medical advice immediately and show this container or label  
S35 - This material and its container must be disposed of in a safe way

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Proportion (% w/w)
Sodium carbonate	497-19-8	30 - 60 %
Sodium tripolyphosphate	7758-29-4	10 - 30 %
Sodium percarbonate	15630-89-4	< 10 %
Alcohols, C12-18, ethoxylated propoxylated	69227-21-0	< 1 %

**Other ingredients:**

The other ingredients to 100%w/w are classified as not hazardous according to NOHSC (Australia)

## 4. FIRST AID MEASURES

<b>General Advice</b>	<b>Immediate medical attention is required Show this safety data sheet to the doctor in attendance in case of contact with eyes.</b>
<b>Skin Contact</b>	Wash off immediately with plenty of water.
<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
<b>Inhalation</b>	Move to fresh air. If symptoms persist, call a physician.
<b>Ingestion</b>	Rinse mouth. Do not induce vomiting. Drink plenty of water. Consult a physician.
<b>Notes to Physician</b>	Treat symptomatically.
<b>Protection of First-aiders</b>	Use personal protective equipment.

## 5. FIRE-FIGHTING MEASURES

<b>Flash point:</b>	See section 9
<b>Suitable Extinguishing Media:</b>	The product is not flammable. All extinguishing media can be used.
<b>Precautions for fire-fighting</b>	Standard procedure for chemical fires.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Avoid contact with the skin and the eyes. Use personal protective equipment.
<b>Environmental Precautions:</b>	Prevent product from entering drains. Do not flush with water.
<b>Methods for Cleaning up:</b>	Mop up spill and wash area with detergent and water. Prevent product from entering drains. Do not flush into surface water.

## 7. HANDLING AND STORAGE

<b>Handling:</b>	Wear personal protective equipment. Ensure adequate ventilation.
<b>Storage:</b>	Keep in properly labeled containers. Keep containers tightly closed in a cool, well-ventilated place Keep at temperatures below 40 °C / 104 °F.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>National Exposure Standards:</b>	Exposure Standards have been set for the following ingredients:
<b>Biological Limit Values</b>	No biological limit values allocated.
<b>Engineering Controls:</b>	Ensure adequate ventilation, especially in confined areas.
<b>Eye Protection:</b>	Safety glasses with side-shields.
<b>Hand Protection:</b>	Protective gloves Permeation level 6, Penetration level 3 following EN374, taking into consideration the exposure of chemicals given in chapter 3.
<b>Eye/Face Protection:</b>	Tightly fitting safety goggles
<b>Hygiene Measures:</b>	Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Solid.
<b>Appearance:</b>	Powder
<b>Colour:</b>	Blue White
<b>Odour:</b>	perfumed, typical to meet the Tradename descriptor
<b>pH</b>	11.0 ± 0.3 (50 %)
<b>Interpretation of reserve</b>	neither irritant nor corrosive
<b>Boiling Point/Range:</b>	No information available
<b>Solubility:</b>	300 g/L @ 20°C / 68°F
<b>Specific Gravity / Density [g/mL]:</b>	890 +/- 50 g/L
<b>Flash Point:</b>	> 100°C / > 212°F

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions.
<b>Conditions to Avoid:</b>	Strong sunlight for prolonged periods.
<b>Materials to Avoid:</b>	Keep away from acids.
<b>Hazardous Decomposition Products:</b>	Oxides of carbon and unknown organic compounds.
<b>Polymerization:</b>	No information available.

## 11. TOXICOLOGICAL INFORMATION

### PRODUCT TOXICITY DATA

<b>LD<sub>50</sub> Oral:</b>	> 2000 mg/kg (rat) estimated
<b>LD<sub>50</sub> Dermal:</b>	>2000 mg/kg (rat) estimated
<b>LC<sub>50</sub> Inhalation (Dust):</b>	> 5 mg/L (dust) estimated
<b>LC<sub>50</sub> Inhalation (Vapor):</b>	> 20 ml/m <sup>3</sup> (vapor) estimated

### ACUTE EFFECTS

<b>Eye Irritation:</b>	Irritating to eyes.
<b>Skin Irritation</b>	None expected during normal conditions of use.
<b>Inhalation</b>	None expected during normal conditions of use.
<b>Ingestion:</b>	Health injuries are not known or expected under normal use.
<b>Sensitization</b>	Not expected to be a skin sensitiser.

### CHRONIC EFFECTS

No information available.

### SPECIFIC EFFECTS

<b>Carcinogenic Effects:</b>	Not listed as carcinogenic by OSHA, NTP or IARC.
<b>Mutagenic Effects</b>	No information available.
<b>Reproductive Toxicity:</b>	No information available.
<b>Additional Toxicity Information:</b>	Information is based on available component data.

### COMPONENT TOXICITY DATA

Chemical Name	CAS-No	LD50 Oral - with units - Rat - mg/kg	LD50 Dermal - With Units - Rat/Rabbit - mg/kg	LC50 Inhalation - With units - Rat/Rabbit
Sodium carbonate	497-19-8	4090 mg/kg ( Rat )		
Sodium tripolyphosphate	7758-29-4	3100 mg/kg ( Rat )	7940 mg/kg	
Sodium percarbonate	15630-89-4	1034 mg/kg ( Rat )		
Alcohols, C12-18, ethoxylated propoxylated	69227-21-0	> 2000 mg/kg ( Rat )		

## 12. ECOLOGICAL INFORMATION

### PRODUCT TOXICITY DATA

The ecotoxicity of this product has not been determined. However, the following component information is available.

### COMPONENT TOXICITY DATA

*Sodium carbonate - 497-19-8*

<b>Freshwater Algae</b>	EC50 = 242 mg/L 120 h
<b>Freshwater Fish</b>	LC50 = 300 mg/L <i>Lepomis macrochirus</i> 96 h
<b>Water Flea</b>	EC50 = 265 mg/L 48 h

*Sodium percarbonate - 15630-89-4*

<b>Freshwater Algae</b>	EC50 240 h 70 mg/L
<b>Freshwater Fish</b>	LC50 96 h <i>Pimephales promelas</i> 70.7 mg/L
<b>Water Flea</b>	EC50 48 h 4.9 mg/L

*Alcohols, C12-18, ethoxylated propoxylated - 69227-21-0*

<b>Freshwater Algae</b>	EC50 (72h): 1-10 mg/L
<b>Freshwater Fish</b>	LC50 (96h): 10-100 mg/L
<b>Water Flea</b>	EC50 (48h): 1-10 mg/L

### SUMMARY OF PRODUCT ECOTOXICITY DATA

**Ecotoxicity:** The preparation is non-dangerous in accordance with Directive 1999/45/EC

**Additional Ecological Information:** The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

## 13. DISPOSAL CONSIDERATIONS

<b>Disposal Methods and Containers:</b>	Bulk quantities of product must be disposed of according to Local, State and Federal regulations.
<b>Special Precautions for Landfill or Incineration:</b>	No information available

## 14. TRANSPORT INFORMATION

**General remarks**

Not classified as dangerous in the meaning of transport regulations. For long distance transport of bulk material or shrunk pallet take into consideration sections 7 and 10.

**IATA**

Not regulated

**IMDG/IMO**

Not regulated

**ADG (Australian Road and Rail)**

Not regulated

## 15. REGULATORY INFORMATION

The preparation is classified as dangerous in accordance with Directive 1999/45/EC

### Labelling

Symbol(s)

Xi - Irritant



R -phrase(s)

R36 - Irritating to eyes

S -phrase(s)

S 2 - Keep out of the reach of children  
 S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  
 S46 - If swallowed, seek medical advice immediately and show this container or label  
 S35 - This material and its container must be disposed of in a safe way

### Regulatory Status

Australia

Not applicable.

Poisons Schedule No. (SUSMP)  
 Australia:

Not scheduled

AICS

Complies

New Zealand

This product has been approved under HSNO covered by Cleaning Products (Subsidiary Hazard) Group Standard 2006 HSR002530.

Approved Handler

Not required.

Tracking

Not required.



**16. OTHER INFORMATION**

**Key:** ADG = Australian Code for the Transport of Dangerous Goods by Road and Rail  
AICS = Australian Inventory of Chemical Substances  
EC50 = median effective concentration  
IATA = International Air Transport Association  
IMDG = International Maritime Dangerous Goods  
IMO = International Maritime Organization  
LC50 = concentration required to kill 50% of test organisms.  
LD50 = dose required to kill 50% of test organisms.  
NOHSC = National Occupational Health and Safety Commission (Australia)

**Reason for revision:** Update formula & product codes.

**Contact** Australia and New Zealand  
Regulatory, Safety & Environmental Services  
From outside Australia: Ph: (61) (2) 9857 2000  
From within Australia: Ph: (02) 9857 2000

**Validation/Revision Date** 09-Nov-2011

This MSDS has been prepared according to the National Code of Practice for the Preparation of Safety Data Sheets 2nd Edition [NOHSC:2011(2003)].

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**End of Safety Data Sheet**