



Product Safety Data Sheet

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1. PRODUCT and COMPANY IDENTIFICATION

Product Name	Finish MAX in 1Powerball
Other Names	None
Product Code(s)	0158046 Regular 13s 0158047 Lemon 13s 0158048 Regular 26s 0158049 Lemon 26s 0158051 Lemon 54s 0199306 Lemon 51s
Recommended Use	Automatic Dishwashing Detergent Tablet (Domestic Use)
Supplier	
<u>AUSTRALIA</u>	
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
<u>NEW ZEALAND</u>	
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 NON-DANGEROUS GOODS ACCORDING TO ADG CODE (See Section 14)

RISK PHRASE(S) (See Section 15)	R36 Irritating to eyes.
ENVIRONMENTAL RISK PHRASE	None
SAFETY PHRASE(S)	S2 Keep out of 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)
Pentasodium Tripolyphosphate	7758-29-4	30 - 50 %
Sodium Carbonate	497-19-8	15 - 30
Sodium Carbonate Peroxyhydrate	15630-89-4	5 - 15
Citric acid anhydrate	77-92-9	1 - 5
Protease ¹	9014-01-1	< 1
Perfume ²	mixture	< 1
Amylase	9000-90-2	< 0.1
Other ingredients classified as not hazardous according to NOHSC		to 100

¹ May produce an allergic reaction

² Perfume (Contains Limonene cas no. 5989-27-5)

4. FIRST AID MEASURES

Eye Contact	Flood open eyes with water for at least 15 minutes and contact a doctor.
Skin Contact	Wash off skin with 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	Do not induce vomiting. Give 2 glasses of water to drink. Contact a doctor or a Poisons Centre Information.
Advice to Doctor	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Specific Dangers	Not Combustible.
Flammability	Not flammable.

Extinguisher Type Water, foam, carbon dioxide, dry chemical.

Hazchem code None allocated

6. ACCIDENTAL RELEASE MEASURES

Emergency and Evacuation Procedures

Ensure adequate ventilation.
Avoid contact with skin and eyes.
Avoid inhalation of dust.

Minor Spills

Scoop up spill and wash area with water.

Major Spills

Sweep or preferably vacuum up and collect in suitable containers for recovery or disposal. Dispose accordingly to the local obligations. Remaining residues could be rinsed using plenty of water.

7. HANDLING AND STORAGE

Handling

No special requirements.
Avoid generation of dusts.

Storage

Store in a cool dry area out of direct sunlight.
Protect against frost, moisture, temperatures above 40 °C and direct sunlight.

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		
Proteolytic enzymes (protease)	9014-01-1	0.00006	-	Peak limitation	-	-	Sen

TWA = Time Weighted Average
STEL = Short Term Exposure Limit

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

Engineering Controls

Ensure adequate ventilation.
Maintain air concentrations below exposure standards.
If ventilation is insufficient, wear a respirator fitted with an organic vapour cartridge.

Personal Protection

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State

Solid

Appearance

Two layer tablet with ball wrapped in water-soluble film

Colour	Layers - White, Blue Ball - Red
Melting Point	Not determined
Vapour Pressure	Negligible
Density	20.5-22.2 g / tablet
Flashpoint	Not flammable
Solubility in Water	miscible
pH	10.3 (10% aqueous)

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions. Store below 40°C. If product shipped over very long distances in bulk, temperature control at 30°C should be applied.
Dangerous Reactions	Avoid water, acids and metals such as iron. Product will react with acids to produce heat and carbon dioxide. Product upon heating will release carbon dioxide, water vapour and oxygen which may assist in the combustion of other materials.
Conditions to Avoid	Temperatures in excess of 40 °C for long period of time. The product itself should not exceed a temperature of 40 °C. Avoid humidity and moisture. Avoid direct sunlight.
Incompatible Materials	Product develops heat and releases CO ₂ if in contact with acids.
Decomposition Products	Products may include oxides of carbon, phosphorous and silicon, oxygen & water vapour.

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 the eyes.
Skin	May cause irritation to the skin with prolonged/repeated contact.
Inhaled	Dusts would cause irritation effects to the respiratory tract. Contains Protease. May produce an allergic reaction by inhalation of uncoated enzymatic matter.
Swallowed	Due to the alkalinity of this product damage to the gastrointestinal tract may be expected. Percarbonate may release oxygen and cause stomach discomfort.
Chronic Effect(s)	The chronic toxicity of this product has not been determined.

If this product was in a dust / powder form, exposure to the respiratory tract would have irritant effects. However, as the product is a tablet, respiratory irritation is unlikely to occur.

12. ECOLOGICAL INFORMATION

Product Ecotoxicity	The ecotoxicity of this product has not been determined.
Component Ecotoxicity	Danger to aquatic life is possible due to a change to a high pH from this product. Surfactants in this product comply with a biodegradability / elimination rate of at least 90%.

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 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
Marine Pollutant:	Not a Marine Pollutant

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

15. REGULATORY INFORMATION

Regulatory Status	This product has been approved by: - HSNO NZ Approval No. HSR002530
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. 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.
SUSDP	Not scheduled

16. OTHER INFORMATION

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
IMDG = International Maritime Dangerous Goods
IATA = International Air Transport Association
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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