



## SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### 1.1 Identification of Substance or Preparation

**Trade Name:** Finish 4 In 1 Powerball  
**Preparation Name:** Finish 4 In 1 Powerball "Regular"  
Finish 4 In 1 Powerball "Lemon"

**Product Format:**

#### 1.2 Use of the substance / preparation:

Automatic Dishwashing Detergent Tablet (Domestic Use)

#### 1.3 Company / Supplier Identification

Reckitt Benckiser UK  
Delta Business Park  
1200 Welton Road  
Swindon  
Wiltshire  
SN5 7XZ

Tel: +44 (0)8457 697079

##### 1.3.1 Distributor In Republic Of Ireland:

F A Wyatt  
Unit 9  
Keypoint Business Park  
Ballycoolin Road  
Blanchards Town  
Dublin 11

Tel: +353 (0) 166 173 18

## 2. COMPOSITION

### Components in Product for EC

Component Name	EG-Number	CAS-Number	Concentration	R Phrases	Classification
Sodium Tripolyphosphate	231-838-7	7758-29-4	30 – 50 %	-	-
Sodium Carbonate	207-838-8	497-19-8	15 – 30 %	R36	Xi
Sodium Carbonate Peroxohydrate	239-707-6	15630-89-4	5– 15 %	R8, R22, R41	O, Xn
Sodium Disilicate	215-687-4	1344-09-8	< 5 %	R41, R37/38	Xi
Fatty Alcohol Alkoxylate	n.a.	69227-21-0	< 5 %	R50	N
Fatty Alcohol Alkoxylate	n.a.	68439-51-0	< 1%	R50	N
Protease	232-752-2	9014-01-1	< 1%	R42, R41, R37/38	Xn
Zinc Sulphate	231-793-3	7733-02-0	< 0,25 %	R36/38, R50/53	N
Amylase	232-565-6	9000-90-2	< 0.1%	R42	Xn

Other ingredients < 5 % Polycarboxylates, TAED, Phosphonates, Colorants, Perfume, Limonene

Explanation of Risk Phrases allocated to ingredients: see chapter 16

## 3. HAZARD IDENTIFICATION

Main Hazards

Following 1999/45/EC: R36 Irritating to eyes.

Hazard by Inhalation

Contains Protease. May produce an allergic reaction.

## 4. FIRST AID MEASURES

First Aid – Eyes

Rinse immediately with plenty of water for 15 minutes (open eyelids). Seek medical advice.

First Aid – Skin

Wash immediately with plenty of water.

First Aid – Ingestion

Do not induce vomiting. Rinse mouth with water. Drink plenty of water. Seek medical advice.

First Aid – Inhalation

If adverse effects after breathing dust: fresh air.

## 5. FIRE FIGHTING MEASURES

Extinguishing Media

Not combustible. All technics can be used.

## 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Avoid contact with skin and eyes.

Spillages

Avoid inhalation of dust.

Avoid creating a dust. 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	Careful handling of chemicals is required as in general.
Storage	Keep locked and dry.
	Avoid temperatures above 40 °C and direct sunlight (see chapter 10).
Storage Classification	13 (non-combustible solid, following German VCI-concept)

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

General Remark	Do not grind the product.
	Good ventilation/removal of dust required.
Respiratory Protection	Dust respirator if conditions are dusty, e.g. P3.
Hand Protection	PVC or rubber gloves.
	Permeation level 6, Penetration level 3 following EN374, taking into consideration the exposure of chemicals given in chapter 2.
Eye Protection	Close fitting safety goggles, e.g. DIN 234/Roth.
Body Protection	No specific equipment for protection required.
Notice for domestic users	The recommendations for personal protection given in this section of the safety data sheet are relevant for handling and usage of a huge amount of unpacked material only.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Tablet
Colour	White. Blue. Green. Red.
Odour	Perfumed.
pH (as is)	n.a.
pH at 10 % w/w in water	9.3 - 10.5
pH at 1 % w/w in water	9.3 - 10.5
Solubility in Water (kg/m <sup>3</sup> )	250 g/l (20 °C, turbid liquid)
Density (g/L)	20.5 – 22.2 g/tabs

## 10. STABILITY AND REACTIVITY

Conditions to Avoid	The temperature of the product should not exceed 40 °C for a long time. If product shipped very long distances in bulk temperature control at 30 °C should be applied.
Materials to Avoid	Avoid direct sunlight. Product develops heat and releases CO <sub>2</sub> if contacts with acids.

## 11. TOXICOLOGICAL INFORMATION

Acute Toxicity	Oral LD50 (rat) > 2000 mg/kg (based on raw materials).
Irritancy – Eyes	Irritating to eyes.
Inhalation	Contains Protease. May produce an allergic reaction by inhalation of uncoated enzymatic matter.

## 12. ECOLOGICAL INFORMATION

General Remarks	Because of pH-change danger for aquatic life possible. The surfactants incorporated do comply with the requirements of the EU detergent regulation 648/2004/EC.
Further ecological information:	Indication of danger to water:  - Germany: WGK = 2 (for bulk material).  Not applicable for domestic type pack sizes.

## 13. DISPOSAL

Product Disposal	Disposal should be in accordance with local, state or national legislation, e.g. to landfill.
Container Disposal	Cleaned to recycling, landfill or incinerator.
Waste Material Code EU:	20 01 29

## 14. TRANSPORT INFORMATION

General remarks	Not classified as dangerous under transport regulations.  See chapter 10 for long distance transport of bulk material.
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## 15. REGULATORY INFORMATION

### Labelling Information



Irritant

R phrases	R36 Irritating to eyes.
S phrases	S2 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.

Further information	Contains Protease. May produce an allergic reaction.
<b>Recommendation for disposal of packaging</b>	Packaging to be recycled only if emptied completely!
EC Annex I Classification	Xi – Irritant
Classification following	1999/45/EC

## 16. OTHER INFORMATION

Safety data sheet referring to	91/155/EC, 93/112/EC and 2001/58/EC
MSDS first issued	17.3.2004
MSDS data revised	08.12.2005
Reason for revision	Add new formulations. Replacing release dd 28.10.2005.

Explanation of Risk Phrases and Symbols allocated to ingredients (see chapter 2)

-	Not classified as dangerous.	-	No risk phrase required.
O	Oxidizing	R8	R8 Contact with combustible material may cause fire.
Xn	Harmful	R22	R22 Harmful if swallowed.
Xi	Irritant	R41	R41 Risk of serious damage to eyes.
N	Dangerous to the environment	R42	R42 May cause sensitisation by inhalation.
		R36	R36 Irritating to eyes.
		R37	R37 Irritating to respiratory system.
		R36/38	R36/38 Irritating to eyes and skin.
		R37/38	R37/38 Irritating to respiratory system and skin.
		R38	R38 Irritating to skin.
		R50	R50 Very toxic to aquatic organisms
		R50/53	R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Voluntary Labelling Consumer Information using one or more icons following the A.I.S.E. Charter for Sustainable Development may be displayed on packages additionally**



**Footnote** The information given in this data sheet is believed to be true and correct. This document is not intended for quality assurance purposes.

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**Internet information** An ingredient declaration following Detergent Regulation 648/2004/EC, annex VII D is available on internet

<http://www.rbeuroinfo.com>