

**1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY IDENTIFICATION.****Trade Name:**

Finish All in One

**Product Format:**

Tablets

**Product Use:**

Automatic Dishwashing Detergent Tablet (Domestic use)

**Supplier in UK**

Reckitt Benckiser (Household) Ltd  
Delta Business Park  
1200 Welton Road  
Swindon  
Wiltshire  
SN5 7XZ

tel: 0845 7697079

**Distributor In Republic Of Ireland:**

Reckitt Benckiser Ireland Ltd  
7 Riverwalk  
Citywest Business Campus  
Dublin 24  
Ireland

tel: 01 661 7318

**Date Issued**25<sup>th</sup> July 2007**Reference**

D 0059619

**Issue**

1

**Changes**

New product

**2. HAZARDS IDENTIFICATION.****3.1 Main Hazards**

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

**3.2 Hazard by Inhalation**

Contains Protease. May produce an allergic reaction.

**3. COMPOSITION/INFORMATION ON INGREDIENTS.****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 Peroxyhydrate	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
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	Xi, 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

**For the full text of the R phrases mentioned in this Section, see Section 16****4. FIRST-AID MEASURES.****4.1 First Aid – Eyes**

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

**4.2 First Aid – Skin**

Wash immediately with plenty of water.

**4.3 First Aid – Ingestion**

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

**4.4 First Aid – Inhalation**

If adverse effects after breathing dust: fresh air.

## 5. FIRE-FIGHTING MEASURES.

### Extinguishing Media

Not combustible. All techniques can be used.

## 6. ACCIDENTAL RELEASE MEASURES.

### 6.1 Personal Precautions

Avoid contact with skin and eyes.

Avoid inhalation of dust.

### 6.2 Spillages

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.

### 7.1 Handling

Careful handling of chemicals is required as in general.

### 7.2 Storage

Keep locked and dry.

Avoid temperatures above 40 °C and direct sunlight (see chapter 10).

### 7.3 Storage Classification

13 (non-combustible solid, following German VCI-concept)

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION.

### 8.1 General Remark

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.

Do not grind the product.

Good ventilation/removal of dust required.

### 8.2 Respiratory Protection

Dust respirator if conditions are dusty, e.g. P3.

### 8.3 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.

### 8.4 Eye Protection

Close fitting safety goggles, e.g. DIN 234/Roth.

### 8.5 Body Protection

No specific equipment for protection required.

## 9. PHYSICAL AND CHEMICAL PROPERTIES.

### 9.1 Physical

Tablet

### 9.2 Colour

White. Blue. Green. Red.

### 9.3 Odour

Perfumed.

### 9.4 pH (as is)

n.a.

**9.5 pH at 10 % w/w in water** 9.3 - 10.5

**9.6 pH at 1 % w/w in water** 9.3 - 10.5

**9.7 Solubility in Water (kg/m<sup>3</sup>)** 250 g/l (20 °C, turbid liquid)

**9.8 Density (g/L)** 20.5 – 22.2 g/tabs

## **10. STABILITY AND REACTIVITY.**

### **10.1 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. Avoid direct sunlight.

### **10.2 Materials to Avoid**

Product develops heat and releases CO<sub>2</sub> if contacts with acids.

## **11. TOXICOLOGICAL INFORMATION.**

### **11.1 Acute Toxicity**

Oral LD<sub>50</sub> (rat) > 2000 mg/kg (based on raw materials).

### **11.2 Irritancy – Eyes**

Irritating to eyes.

### **11.3 Inhalation**

Contains Protease. May produce an allergic reaction by inhalation of uncoated enzymatic matter.

## **12. ECOLOGICAL INFORMATION.**

### **12.1 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 CONSIDERATIONS.**

### **13.1 Product Disposal**

Disposal should be in accordance with local, state or national legislation, e.g. to landfill.

### **13.2 Container Disposal**

Cleaned to recycling, landfill or incinerator.

### **13.3 Waste Material Code EU:**

20 01 29 (detergents containing dangerous substances)

## **14. TRANSPORT INFORMATION.**

### **General remarks**

Not classified as dangerous under transport regulations.

See chapter 10 for long distance transport of bulk material.

## 15. REGULATORY 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.

### Additional S phrase on safe disposal

S35 This material and its container must be disposed of in a safe way.

### Further information

Contains Protease. May produce an allergic reaction.

### Recommendation for disposal of packaging

Packaging to be recycled only if emptied completely!

### EC Annex I Classification

Xi – Irritant

### Classification following

1999/45/EC

## 16. OTHER INFORMATION.

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

-	Not classified as dangerous.	-	No riskphrase 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



### Internet information

An ingredient declaration following Detergent Regulation 648/2004/EC, annex VII D is available on internet  
<http://www.rbeuroinfo.com>

**Reason for Revision :** New product

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This document complements the technical usage instructions but does not replace them. The information contained herein is based on our best current knowledge of the product concerned, and is given in good faith. The attention of recipients is drawn to (amongst other things) the element of risk consequent to use of the product other than that for which it was intended.

In no way does this document remove the need of the recipient of the product to fully understand and apply statutory requirements. It is the recipient's sole responsibility to take due precautions relative to the use made of the product. All information contained herein is only to assist the recipient in fulfilling their statutory duty connected with the use of hazardous materials.

This list of information must not be considered as exhaustive, and does not exonerate the recipient from taking other precautions described in documents other than those mentioned, concerning the storage and use of the product, for which they remain the sole person responsible.