

## 1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY IDENTIFICATION.

**Trade Name:**

FINISH All in One - Lemon

**Product Format:**

Calgonit /Finish/ Neophos Powerball All-in-1 with red pill

**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**

22<sup>nd</sup> April 08

**Reference**

D0119611 v2

**Issue**

1

**Changes**

New product

## 2. HAZARDS IDENTIFICATION.

**Main Hazards**

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

**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	Registration Number	Concentration	R Phrases	Classification
Pentasodium Triphosphate	231-838-7	7758-29-4	Not available	30 - 50 %	-	-
Sodium Carbonate	207-838-8	497-19-8	Not available	15 - 30 %	R36	Xi
Sodium Carbonate Peroxyhydrate	239-707-6	15630-89-4	Not available	5 - 15 %	R8, R22, R41	O, Xn
Citric acid anhydrate	201-069-1	77-92-9	Not available	1 - 5 %	R36	Xi
Protease	232-752-2	9014-01-1	Not available	< 1 %	R42, R37/38, R41	Xn
Zinc Sulfate Monohydrate	231-793-3	7733-02-0	Not available	< 0,25 %	R36/38, R50/53,	Xi, N
Amylase	232-565-6	9000-90-2	Not available	< 0,1 %	R42	Xn

Other ingredients: Polycarboxylates, TAED, Phosphonates, Colorants, Perfume (fresh and lemon flanker - LIMONENE)  
Explanation of risk phrases: see chapter 16

Comment : Ingredients not classified as dangerous are displayed due to need for declaration on package due to EU Detergent Regulation 648/2004/EC

## 4. FIRST-AID MEASURES.

**Immediate medical attention**

In case of contact with eyes immediate medical attention is recommended.

**First Aid – Eyes**

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

**First Aid – Ingestion**

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

**First Aid – Inhalation**

If adverse effects after breathing dust: fresh air

**First Aid – Skin**

Wash immediately with plenty of water.

## 5. FIRE-FIGHTING MEASURES.

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<b>Extinguishing Media</b>	Not combustible. All technics can be used.
<b>Protective Equipment for Fire-Fighting</b>	No special requirements.

## 6. ACCIDENTAL RELEASE MEASURES.

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<b>Personal Precautions</b>	Avoid contact with skin and eyes. Avoid inhalation of dust.
<b>Spillages</b>	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.

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<b>Handling</b>	Careful handling of chemicals is required as in general. Avoid contact with eyes and skin.
<b>Storage</b>	Protect against frost, moisture, temperatures above 40 °C and direct sunlight.
<b>Storage classification</b>	Germany: 13 (non-combustible solid, following the German VCI concept – due to the compartment containing the liquid)

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION.

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<b>General Remark</b>	The recommendations for personal protection given in this section of the safety data sheet are relevant for handling and usage of large quantities of unpacked material only.
<b>Hand Protection</b>	Gloves (Rubber, PVC or other synthetic material) Permeation level 6, Penetration level 3 following EN374, taking into consideration the exposure of chemicals given in chapter 3.
<b>Eye Protection</b>	Safety goggles.
<b>Body Protection</b>	Suitable protecting clothing required.

## 9. PHYSICAL AND CHEMICAL PROPERTIES.

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<b>Physical State</b>	Tablet
<b>Colour</b>	Blue. White. Red
<b>Odour</b>	Characteristic.
<b>pH (as is)</b>	n.a.
<b>pH at 10% w/w in water</b>	9,3 – 10,5
<b>pH at 1% w/w in water</b>	9,3 – 10,5
<b>Solubility in Water (kg/m<sup>3</sup>)</b>	250 g/L (20°C, turbid liquid)
<b>Density (g/L)</b>	20,5 – 22,2 g/tabs

## 10. STABILITY AND REACTIVITY.

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<b>Stability</b>	Stable under normal conditions. No unusual reactivity.
<b>Conditions to Avoid</b>	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.
<b>Materials to Avoid</b>	Product develops heat and releases CO <sub>2</sub> if contacts with acids.

## 11. TOXICOLOGICAL INFORMATION.

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

## 12. ECOLOGICAL INFORMATION.

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<b>General Remarks</b>	Release of large quantities into water may cause a pH-change resulting in danger for aquatic life. The surfactant incorporated complies with requirements of the EU Detergent Regulation 648/2004/EC, 648/2004/EC.
<b>Further ecological information:</b>	Indication of danger to water: - Germany: WGK = 2 (for bulk material). Not applicable for domestic type pack sizes.

## 13. DISPOSAL CONSIDERATIONS.

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<b>Product Disposal</b>	Disposal should be in accordance with local, state or national legislation, e.g. to landfill.
<b>Container Disposal</b>	Cleaned to recycling, landfill or incinerator.
<b>Waste Material Code EU:</b>	20 01 29 (detergents containing dangerous substances)

## 14. TRANSPORT INFORMATION.

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<b>General remarks</b>	Not classified as dangerous under transport regulations. Ensure temperature limits specified in chapter 7 and 10 will be respected
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## 15. REGULATORY INFORMATION.

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<b>Chemical safety assessment following regulation 1907/2006/EC</b>	Not relevant
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### Labelling Information



Irritant

<b>R phrases</b>	R36 Irritating to eyes.
<b>S phrases</b>	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.
<b>Additional S-phase on safe disposal</b>	S35 This material and its container must be disposed of in a safe way.
<b>Further information</b>	Contains Protease. May produce an allergic reaction.
<b>Recommendation for disposal of packaging</b>	Packaging to be recycled only if emptied completely !
<b>EC Annex I Classification</b>	Xi Irritant
<b>Classification following</b>	1999/45/EC

## 16. OTHER INFORMATION.

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**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**



<b>Safety data sheet following regulation</b>	1907/2006/EC, Annex II
<b>MSDS first issued</b>	11.07.2007
<b>MSDS data revised</b>	-
<b>Reason for revision</b>	All in 1 DACH included

Explanation of Risk phrases and symbol dedicated to ingredients (see section 3)

-	No riskphrase required.
R8	R8 Contact with combustible material may cause fire.
R22	R22 Harmful if swallowed
R36	R36 Irritating to eyes.
R36/38	R36/38 Irritating to eyes and skin.
R38	R38 Irritating to skin.
R41	R41 Risk of serious damage to eyes.
R42	R42 May cause sensitisation by inhalation.
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.
-	Not classified as dangerous.
O	O – Oxidizing
Xi	Xi – Irritant
Xn	Xn – Harmful
N	N – Dangerous to the environment

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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 if 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.