

# SAFETY DATA SHEET

## Calgonit/Finish Powerball Tabs (Italy, all flankers)

FinishPowerballclassic0017483\_SDS\_EC\_050117D12168[1]



### 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Trade Name</b>	Calgonit Powerball Tabs Calgonit Powerball tabs lemon Calgonit Powerball tabs orange Finish Powerball Tabs Finish Powerball tabs lemon Finish Powerball tabs orange
<b>Product Use</b>	Automatic Dishwashing Detergent Tablet (Domestic Use)
<b>Manufacturer/Supplier</b>	Reckitt Benckiser Produktions GmbH
<b>Address</b>	Dr. Albert-Reimann-Strasse 3 D - 68526 Ladenburg (Neckar)
<b>Phone Number</b>	(+49) 6203 932-0
<b>Fax Number</b>	(+49) 6203 932-219
<b>Emergency Phone Number</b>	Poison information centre, Berlin +(49) 30 19240
<b>Published registration codes</b>	n.a.
<b>Distributor</b>	
<b>Distributor Address</b>	
<b>Distributor Phone Number</b>	
<b>Distributor Fax Number</b>	
<b>TDS Code</b>	D0012168, replacing D1554
<b>Document set up:</b>	17.1.2005, replacing release dd 25.3.2004

### 2. COMPOSITION/INFORMATION ON THE COMPONENTS

#### Components in Product for EC

Component Name	EG-Number	CAS-Number	Concentration	R Phrases	Classification
Sodium carbonate	207-838-8	497-19-8	> 30 %	R36	Xi
Sodium tripolyphosphate	231-838-7	7758-29-4	15 - 30 %	-	-
Sodium carbonate peroxyhydrate	239-707-6	15630-89-4	5 - 15 %	R8, R22, R36/38	O, Xn
Aliphatic Alcohol,alkoxylated	n.a.	68439-51-0	< 5 %	R50	N
Citric Acid	201-069-1	77-92-9	< 5 %	R36	Xi
Protease	232-752-2	9014-01-1	< 0.1%	R42, R41, R37/38	Xn
Amylase	232-565-6	9000-90-2	< 0.1%	R42	Xn

Further ingredients: Sodium Citrate, Polycarboxylates, Phosphonates, TAED, Fragrance, Colourants, stabilisers

Explanation of Risk-Phrases: see chapter 16

### 3. HAZARD IDENTIFICATION

<b>Main Hazards</b>	Following 1999/45/EC: R36 Irritating to eyes. Contains Protease. May produce an allergic reaction.
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### 4. FIRST AID MEASURES

<b>First Aid - Eyes</b>	Rinse immediately with plenty of water for 15 minutes (open eyelids). Seek medical advice.
<b>First Aid - Skin</b>	Wash immediately with plenty of water.
<b>First Aid - Ingestion</b>	Do not induce vomiting. Rinse mouth with water. Drink plenty of water. Seek medical advice.
<b>First Aid - Inhalation</b>	If adverse effects after breathing dust: fresh air.

### 5. FIRE FIGHTING MEASURES

<b>Extinguishing Media</b>	Not combustible. All technics can be used.
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### 6. ACCIDENTAL RELEASE MEASURES

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

<b>Handling</b>	Careful handling of chemicals is required as in general.
<b>Storage</b>	Keep locked and dry. Avoid temperatures above 40 °C and direct sunlight.
<b>Storage Classification</b>	Germany (VCI-concept): 13 (non-combustible solid).

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>General Remark</b>	Do not grind the product. Good ventilation/removal of dust required.
<b>Respiratory Protection</b>	Dust respirator if conditions are dusty, e.g. P3.
<b>Hand Protection</b>	PVC or rubber gloves. Permeation level 6, Penetration level 3 following EN374, taking into consideration the exposure of chemicals given in chapter 2.
<b>Eye Protection</b>	Close fitting safety goggles, e.g. DIN 234/Roth.
<b>Body Protection</b>	No specific equipment for protection required.
<b>Notice for domestic users</b>	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

<b>Physical State</b>	Tablet
<b>Colour</b>	White. Blue. Red.
<b>Odour</b>	Perfumed.
<b>pH at 1 % w/w in water</b>	9.7 - 10.7
<b>Solubility in Water (kg/m3)</b>	250 g/l (20 °C, turbid liquid)
<b>Density (g/L)</b>	18.5 – 19.5 g / Tab

### 10. STABILITY AND REACTIVITY

<b>Conditions to Avoid</b>	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.
<b>Materials to Avoid</b>	Product develops heat and releases CO <sub>2</sub> if contacts with acids.

### 11. TOXICOLOGICAL INFORMATION

<b>Acute Toxicity</b>	Oral LD50 (rat) > 2000 mg/kg (based on raw materials).
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### 12. ECOLOGICAL INFORMATION

<b>General Remarks</b>	Because of pH-change danger for aquatic life possible. The surfactants incorporated complies a biodegradability/elimination rate of at least 90 %.
<b>Further ecological information:</b>	Indication of danger to water: - Germany: WGK = 2 (for bulk material). Not applicable for domestic type pack sizes.

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### 13. DISPOSAL

<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 landfill and incinerator.
<b>Waste Material Code EU:</b>	20 01 29

### 14. TRANSPORT INFORMATION

<b>General remarks</b>	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 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.  
Contains Protease. May produce an allergic reaction.

#### Recommendation for disposal of product and/or packaging

Packaging to be recycled only if emptied completely!

#### EC Annex I Classification

Xi – Irritant

#### Classification following

1999/45/EC

### 16. OTHER INFORMATION

<b>Safety data sheet referring to</b>	91/155/EC, 93/112/EC and 2001/58/EC
<b>MSDS first issued</b>	11.4.2000
<b>MSDS data revised</b>	17.1.2005
<b>Reason for revision</b>	Formulation change. Changes in chapter 2, 3 and 16. Replacing document dd 25.3.2004.

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

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

#### 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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