

SAFETY DATA SHEET**Calgonit /Finish/Neophos Powerball 4-in-1 tabs**

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**RECKITT
BENCKISER****1. PRODUCT AND COMPANY IDENTIFICATION**

| | |
|-------------------------------------|--|
| Trade Name | Calgonit/Finish/Neophos Powerball 4-in-1 Extra Power Calgonit/Finish/Neophos Powerball 4-in-1 Extra Power lemon Calgonit/Finish/Neophos Powerball 4-in-1 Extra Power orange Automatic Dishwashing Detergent Tablet (Domestic Use) |
| Product Use | |
| Manufacturer/Supplier | Reckitt Benckiser Produktions GmbH |
| Address | Dr. Albert-Reimann-Strasse 3 D - 68526 Ladenburg (Neckar) |
| Phone Number | (+49) 6203 932-0 |
| Fax Number | (+49) 6203 932-219 |
| Emergency Phone Number | Poison information centre, Berlin +(49) 30 19240 |
| Published registration Codes | UBA 0152 0900 |
| Distributor | |
| Distributor Address | |
| Distributor Phone Number | |
| Distributor Fax Number | |
| TDS-Code | D0023844 |
| Document set up | 19.10.2004 (draft) |

2. COMPOSITION/INFORMATION ON THE COMPONENTS**Components in Product for EC**

| Component Name | EG-Number | CAS-Number | Concentration | R Phrases | Classification |
|--------------------------------|--|--------------|---------------|------------------|----------------|
| Sodium Tripolyphosphate | 231-838-7 | 7758-29-4 | > 30 % | - | - |
| Sodium Carbonate | 207-838-8 | 497-19-8 | 10 – 20 % | R36 | Xi |
| Sodium Carbonate Peroxohydrate | 239-707-6 | 15630-89-4 | 5 – 15 % | R8, R22, R36/38 | O, Xn |
| Sodium Disilicate | 215-687-4 | 1344-09-8 | < 5 % | R37, R38, R41 | Xi |
| Aliphatic Alcohol, alkoxylated | n.a. | Trade secret | < 5 % | R50 | N |
| Zinc Sulphate | 231-793-3 | 7733-02-0 | < 0.25 % | R36/38, R50/53 | N |
| Protease | 232-752-2 | 9014-01-1 | < 1 % | R42, R41, R37/38 | Xn |
| Amylase | 232-565-6 | 9000-90-2 | < 0.1 % | R42 | Xn |
| Other ingredients < 5 % | Polycarboxylates, TAED, Phosphonates, Dyesstuff, Fragrance | | | | |

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. Avoid inhalation of dust. |
| 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. |

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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. |
| Storage Classification | Germany (VCI-concept): 13 |

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/m3) | 250 g/l (20 °C, turbid liquid) |
| Density (g/L) | 20 - 22 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. Avoid direct sunlight. |
| Materials to Avoid | Product develops heat and releases CO ₂ 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 complies a biodegradability/elimination rate of at least 90 %. |
| 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 |

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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

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.

Further information

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

Safety data sheet referring to

91/155/EC, 93/112/EC and 2001/58/EC

MSDS first issued

8.10.2004 (draft)

MSDS data revised

n.a.

Reason for revision

n.a.

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

Not classified as dangerous.

No riskphrase required.

O – Oxidizing

R8 Contact with combustible material may cause fire.

Xn – Harmful

R22 Harmful if swallowed.

Xi – Irritant

R42 May cause sensitisation by inhalation.

R36 Irritating to eyes.

R37 Irritating to respiratory system.

R36/38 Irritating to eyes and skin.

R37/38 Irritating to respiratory system and skin.

R38 Irritating to skin.

N - Dangerous to the environment

R41 Risk of serious damage to eyes.

R50 Very toxic to aquatic organisms

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Footnote

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