

RECKITT BENCKISER

MATERIAL SAFETY DATA SHEET

Reference: HSF3/1TOTAL

Creation date: 22 March 2002

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1 IDENTIFICATION OF THE PRODUCT AND THE COMPANY

PRODUCT : Finish Powerball 3 In 1 Total Tablets.

Company

Reckitt Benckiser UK Ltd

Delta 1200, Welton Road

Delta Business Park

Swindon, Wiltshire, SN5 7XZ

Tel 01793 732000

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2 COMPOSITION /INFORMATION ON INGREDIENTS

Component Name	CAS-Number	Concentration	R Phrases	Classification
Sodium Tripolyphosphate	7758-29-4	30 - 60%	-	-
Sodiumperborate - monohydrate	10332-33-9	5-15%	R8, R22, R36/38	O, Xn
Sodium Carbonate	497-19-8	5-15%	R36	Xi
Fatty alcohol alkoxylate - EO/PO	61725-89-1	5-15%	R50	N
Polymer neutralised	68479-09-4	<5%	-	-
1-Hydroxyethylidene-1- 1-diphosphonic acid, - Tetrasodiumsalt	3794-83-0	<5%	R36/38	Xi
Protease	9014-01-1	Present	R42, R37/38, R41	Xn
Amylase	9000-90-2	Present	R42	Xn

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Head office: Reckitt Benckiser (UK) Limited, Delta 1200, Welton Road, Delta Business Park, Swindon, Wiltshire SN5 7XZ
Registered Office: 103-105 Bath Road, Slough, Berkshire SL1 3UH Reg. No. 3982446

-	No riskphrase required.
R22	R22 Harmful if swallowed.
R36	R36 Irritating to eyes.
R36/38	R36/38 Irritating to eyes and skin.
R37/38	R37/38 Irritating to respiratory system 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.
R8	R8 Contact with combustible material may cause fire.

-	Not classified as dangerous.
N	N - Dangerous for the Environment.
O	O - Oxidizing.
Xi	Xi - Irritant.
Xn	Xn - Harmful.

3 HAZARDS IDENTIFICATION

Main Hazards	Product classification following 88/379/EEC and 1999/45/EC: R36 Irritating to eyes.
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4 FIRST AID MEASURES

First Aid - Eye	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.

5 FIRE FIGHTING MEASURES

Extinguishing Media	Not combustible. All techniques can be used.
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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.

7 STORAGE AND HANDLING

Handling	Careful handling of chemicals is required as in general.
Storage	Keep locked and dry.
Storage classification	13

8 EXPOSURE CONTROLS / PERSONAL PROTECTING MEASURES

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.
Eye Protection	Close fitting safety goggles, e.g. DIN 234/Roth or full face shield.
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	10.0 – 10.6
pH at 1% w/w in water	10.1 – 10.7
Alkali reserve/acidity reserve [g NaOH/100g]	Not necessary, since Ph (10%) above 2 and below 11.5
Classification following the Alkali/Acidity reserve method	<13: Not irritant
Solubility in water	250g/l (20°C, turbid liquid)
Density (g/L)	22 - 24 g/tabs

10 STABILITY AND REACTIVITY

Conditions to Avoid	Temperatures in excess of 50°C
Materials to Avoid	Product develops heat and releases CO2 if contacts with acids.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity	Oral LD50 (rat) >2000 mg/kg (based on raw materials).
Irritancy - Eyes	Irritating to the eyes.

12 ECOLOGICAL INFORMATION

General Remarks	Because of pH change danger to aquatic life possible. The surfactants incorporated complies a biodegradability/elimination rate of at least 90%.
Hazard to water	WGK 1 (own classification).

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 16.

14 TRANSPORT INFORMATION

General Remarks	Not classified as dangerous under transport regulations.
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15 REGULATORY INFORMATION**Labelling Information****X** Irritant.**R Phrases**

R36 Irritating to eyes.

S PhrasesS2 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.**Recommendation for disposal of product and/or packaging**

Packaging to be recycled only if emptied completely !

EC Annex I Classification Classification followingXi – Irritant.
88/379/EEC and 199/45/EC.

16 OTHER INFORMATION**Safety data sheet referring to**

91/155/EC and 93/112/EC

MSDS first issued

30/01/2002

Footnote

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