

BEAM DISH POWDER



Date Issued: 12/06/2016

Rev. date: 12/06/2016

Product: BEAM DISH POWDER

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COMPANY DETAILS

Name: BD Chemicals

Emergency Tel. No. (011)7765076/0834693828/0783892507

Address: 56 Stanley Rd Knights Germiston, Gauteng, South Africa

Postal Address: PO Box 4120 Germiston South 1411

Tel. No. (011) 7765076

1. PRODUCT IDENTIFICATION

Trade Name:

BEAM DISH POWDER

Description:

Automatic Dishwash Powder Anti-Bacterial

2. HAZARDOUS COMPONENTS

	CAS#	ECC Class	%
Sodium Perborate	10332-33-9	231-556-4	1 - 3
Sodium phosphate, tribasic	7758-29-4	****	35
Sodium Carbonate	497-19-8	207-838-8	20 - 50
Sodium Meta silicate	10213-79-3	229-912-9	30 - 40



3. HAZARD IDENTIFICATION

Main hazard	Causes chemical burns
Explosive hazard	Not applicable
Fire	Does not support combustion
Chemical hazard	Do not mix with acids or ammonia
Health effects - eyes	Causes chemical burns. Immediate water flushing is vital in case of eye contact.
Health effects - skin	Causes chemical burns. Harmful contact may not cause immediate pain.
Health effects - ingestion	Causes chemical burns of mouth, throat and stomach
Health effects - inhalation	Damages airways and lungs, depending upon amount and duration of exposure. Effects vary from irritation to bronchitis or pneumonia, depending on exposure. People with lung problems may be more affected


 Management System
 ISO 9001:2015

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QUALITY ASSURANCE: This product is manufactured in South Africa by BD Chemicals (Pty) Ltd under an ISO 9001 QUALITY MANAGEMENT SYSTEM, Certificate Number. 01 100 928474

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4. FIRST AID

Product in eyes:	Flush at once with cool running water. Remove contact lenses. Continue flushing for at least 15 min, holding eyelids apart so as to rinse entire eye. CALL A PHYSICIAN IMMEDIATELY.
Product on skin:	Immediately flush skin with plenty of cool running water for at least 15 min while removing contaminated clothing and shoes; discard or wash well before reuse.
Product ingested:	Rinse mouth at once; then drink 1 or 2 glasses of water. DO NOT induce vomiting. NEVER give anything by mouth to an unconscious person.
Product inhaled:	Immediately move to fresh air. If breathing is difficult administer oxygen, if breathing stopped give artificial respiration.

For any serious contact situation – GET MEDICAL ATTENTION

5. FIRE FIGHTING MEASURES

Extinguishing media	Use method appropriate for surrounding fire. The product does not support combustion
Special hazards	Move container from fire area if safe to do so, avoid inhalation of combustion by-products. Stay up-wind.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Use proper protective equipment
Environmental precautions	Prevent release of product to sewers & waterways
Small spills	Using water, flush to sewer. Can be neutralized before flushing to sewer.
Large Spills	Dike or dam large spills. Pump to containers or soak up on inter absorbent. Using Water, flush residue to sewer


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7. HANDLING AND STORAGE

Suitable material	Store in original container
Loading/unloading precautions	Wear protective equipment
Handling/storage precautions	Wear protective equipment. Store in cool, dry well ventilated place away from acidic products. Do not store dissolved product in an aluminium container, hydrogen gas may be generated

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Personal protection- respiratory	Avoid breathing mists or dusts of this product
Personal protection - eyes	Wear chemical splash goggles. For continued or severe exposure wear a face shield over goggles.
Personal protection - skin	Wear any industrial rubber gloves, synthetic apron, other protective equipment as necessary to prevent skin contact
Other	Access to emergency eye wash and shower is recommended



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White powder
Odor	No obvious Odour
pH	12 - 13 (2%)
Specific Gravity	Not applicable
Solubility - water	Mixes with water in all proportions
Flammability	Not Flammable
Flash point	Not Applicable
Melting point	Not Applicable
Boiling point	→ 100°C
Auto-flammability	Not Flammable
Explosive properties	Not Applicable
Vapor pressure	Not Applicable


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10. STABILITY AND REACTIVITY

Conditions to avoid	Not compatible with acids and should be avoided
Stability	Stable under normal conditions of use and handling
Hazardous decomposition products	High temperatures may generate hazardous decomposition products including chlorine gas

11. TOXICOLOGICAL INFORMATION

Acute exposure	Corrosive burns
Chronic exposure	Repeated or prolonged skin contact may result in dermatitis
Carcinogenicity	Not classified as a carcinogen as per GHS criteria
Mutagenicity	Not classified as a mutagen as per GHS criteria
Neurotoxicity	Not classified as a neurotoxin as per GHS criteria
Reproductive hazards	Not classified as a reproductive hazard as per GHS criteria

12. ECOLOGICAL INFORMATION

General	Large quantities released will produce pH level changes.
Aquatic	The active ingredients in this product have exhibited moderate toxicity to aquatic life
Biodegradability	Product is readily biodegradable
Bio-accumulation	This product is not expected to bio-accumulate

13. DISPOSABLE CONSIDERATIONS

Unused products are corrosive, consult local authorities for limits on chemical waste disposal. Rinse out empty container thoroughly with water before disposal.

14. TRANSPORT INFORMATION

UN No.	1759
Packing Group	III
Class	8


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15. REGULATORY INFORMATION

RISK PHRASES

Risk phrases:

R36; Irritant to eyes
R38; Irritant to skin

Safety phrases:

S2; Keep out of reach of children
S3; Keep in a cool place
S7; Keep container tightly closed
S9; Keep container tightly closed in a cool well ventilated place
S26; Upon contact with the eyes, rinse thoroughly with water and consult a doctor

16. OTHER INFORMATION

The above information is believed to be correct with respect to the formula used to manufacture the product. As data, standards and regulations change, and conditions of use and handling are beyond our control, No WARRANTY, EXPRESS OR IMPLIED, IS MADE TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.

Rev. no.	Rev. date	Reason for revision	Responsible person
0	12/06/2016	First issue in 16-point format	Richard Gaddi



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