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<h2>Bio-D Washing Powder</h2>		Product Code: BWP101 , BWP82, BWP12

1. IDENTIFICATION OF THE COMPANY AND PRODUCT

Product Name: Bio-D Washing Powder
Product type: Detergent, cleaning agent
Usage: Hand and machine washing of fabrics.

Company: The Bio-D Company Ltd
 Unit 31 Bergen Way
 Sutton Fields
 Hull
 HU7 0YQ

E-mail: info@biodegradable.biz
Website: www.biodegradable.biz
Emergency Telephone: +44 (0)1482 229950 (office hours only)



2. HAZARDS IDENTIFICATION

Classification under EU 1272/2008 (CLP):

H315 Causes skin irritation
 H318 Causes serious eye damage

Inhalation: Not hazardous under normal conditions.
Skin Contact: Causes severe skin irritation.
Eye contact: Causes serious eye damage.
Ingestion: May cause stomach ache, diarrhoea, nausea and vomiting.

Signal words: Danger
Hazard Pictograms: GHS05: Corrosive



Precautionary Statements:

P264 Wash hands thoroughly after handling
 P280 Wear protective gloves/protective clothing/eye protection/face protection
 P302+P352 If on skin: Wash with plenty of soap and water
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.
 P310 Immediately call a POISON CENTRE or doctor/physician
 P321 Specific treatment(see instructions on this label)
 P332+P313 If skin irritation occurs: Get medical advice/attention
 P362+P364 Take off contaminated clothing and wash it before reuse

For more details of risk phrases see section 16



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3. COMPOSITION/INFORMATION ON INGREDIENTS

SUBSTANCE	CONTENT	EC Number	CAS No.	CLASSIFICATION
Sodium Carbonate	15% - 30%	207-838-8	497-19-8	H319
Zeolite	15% - 30%	215-283-8	1318-02-1	
Sodium Percarbonate Peroxyhydrate	5% - 15%		8051-30-7	H272, H302, H318
Sodium Metasilicate	<5%		13517-24-3	H314, H290, H335
Anionic Surfactant	<5%	500-223-8	68585-34-2	H315, H319

4. FIRST AID MEASURES

Inhalation:	Seek medical attention should discomfort persists.
Skin Contact:	Remove any contaminated clothing and rinse skin thoroughly with water to remove concentrated product. Seek medical attention should discomfort persist.
Eye contact:	Rinse immediately for at least 10 minutes with plenty of clean water lifting eye lid. Seek medical attention immediately. Inadequate first aid may lead to long term eye issues.
Ingestion:	Wash out mouth and <u>do not</u> induce vomiting. Give the effected individual two glasses of water to drink themselves. Give milk instead of water if readily available. Seek medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing media

- Suitable extinguishing media: All extinguishing media can be used.
- Unsuitable extinguishing media: None
- Protection against fire: Exercise extreme caution when fighting any chemical fire. See section 8 for full exposure and personal protection guidance.



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6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Wear full personal protective equipment for prolonged exposure. Avoid contact with skin and eyes. Avoid inhalation. See also section 8.
- Environmental Precautions:** Avoid release into the environment. If risk of water pollution occurs, notify relevant authority. Keep run off water out of sewers and water sources. Dike for water control.
- Clean up guidance:** DO NOT touch spilled material. Sweep up and remove for disposal. Residues or small spillages may be flushed away with water. Inform authorities if large amounts involved.

7. HANDLING AND STORAGE

- Usage Precautions:** Wear full personal protective equipment for prolonged exposure. Avoid contact with skin and eyes.
- Storage:** Store in original container in a dry, cool and well ventilated place. Keep out of the reach of children.
- Storage Class:** Chemical storage.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Name	STD	TWA – 8 hours
Sodium Carbonate	WEL	5 mg/m ³ respiratory dust.

- Personal Protection**
- Skin:** For prolonged or repeated skin contact wear protective nitrile gloves.
- Eyes:** Wear appropriate safety goggles.
- Respiratory:** No specific recommendation made, but respiratory protection must be used if general level exceeds the recommended occupational exposure limit.
- Environment:** Avoid release into the environment.



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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Granular
Colour: White
Odour: Mild, characteristic
pH value, 1% solution: 10 - 11
Solubility: Soluble in water
Flash Point: No available data

10. STABILITY AND REACTIVITY


Stability & Reactivity: Stable under normal conditions of storage, handling and use.
Conditions to avoid: Temperature extremes, store at >0°C and <40°C.
Incompatible materials: Avoid contact with acids.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: No data available.
Ingestion: Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.
Irritation: May cause de-fatting of the skin, but is not an irritant.
Inhalation: Dust may irritate throat and respiratory system and cause coughing.
Eye contact: May cause temporary eye irritation.
Sensitisation: To the best of our knowledge this product contains no sensitising ingredients.

12. ECOLOGICAL INFORMATION

Eco toxicity: No available data.
Degradability: The raw materials in this product comply with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. The product is readily biodegradable under normal conditions.

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13. DISPOSAL CONSIDERATIONS

General Disposal: Dispose of in accordance with local and national regulations. The product should be treated as chemical waste. If in any doubt please check with your local or national authority.

Packaging: In order to recycle packaging wash container with water and dispose of effluent to sewage treatment system. All packaging (including cap and label) can then be recycled in accordance with local regulations.

14. TRANSPORT INFORMATION

The product is not classified as hazardous for transportation.

15. REGULATORY INFORMATION

Warning Symbols: GHS05: Corrosive




16. OTHER INFORMATION

Do not mix with other chemicals.

Risk, Safety and Hazard phrases relevant to the raw materials contained in this product as per section 3:

H272: May intensify fire; oxidizer
 H290: May be corrosive to metals
 H302: Harmful if swallowed
 H314: Causes severe skin burns and eye damage
 H315: Causes skin irritation.
 H318: Causes serious eye damage
 H319: Causes serious eye irritation
 H335: May cause respiratory irritation.

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16. OTHER INFORMATION (Continued...)

P305: IF IN EYES
 P351 Rinse cautiously with water for several minutes
 P338 Remove contact lenses if present and easy to do
 P337 + P313 If eye irritation persists, get medical advice/attention

P102: Keep out of reach of children
 P305: IF IN EYES
 P351 Rinse cautiously with water for several minutes
 P338 Remove contact lenses if present and easy to do
 P337 + P313 If eye irritation persists, get medical advice/attention

1KG Product Barcode: 5034938100018
 2KG Product Barcode: 5034938100025
 12.5KG Product Barcode: 5034938100032

Intended Shelf Life: 12 months from opening

Legal Disclaimer: The information supplied above is compiled from sources which we believe are reliable. It is given in good faith and no warranty is implied with respect to the specification or quality of the product. The conditions and methods of storage, handling, use and disposal are beyond our control. For these and other reasons we will not except liability for any loss or damage arising out of, or relating to, the storage, handling, use or disposal of this product.

This data does not constitute an assessment of the workplace risks associated with the storage, handling, use and disposal under the provisions of the Health & Safety at Work act and the Control of Substances Hazardous to Health (COSHH).