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		Revision Number: 1.3
Bio-D Laundry Bleach		Date: 14 June 2016
		Product Code: BLB124.

1. IDENTIFICATION OF THE COMPANY AND PRODUCT

Product Name: Bio-D Laundry Bleach
Product type: Detergent, cleaning agent
Usage: For addition to normal laundry detergent for removal of stains and odours

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):
H319 Serious Eye Irritant - Category 2A

Inhalation: Not hazardous under normal conditions.
Skin Contact: Not an irritant to the skin
Eye contact: Causes Serious Eye Irritation.
Ingestion: May cause stomach ache, diarrhoea, nausea and vomiting.

Signal words: Warning
Hazard Pictograms: GHS07: Exclamation mark



Precautionary Statements: 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.

For full details of all risk phrases see section 16



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3. COMPOSITION/INFORMATION ON INGREDIENTS

SUBSTANCE	CONTENT	EC Number	CAS No.	CLASSIFICATION
Sodium Carbonate	5% - 15%	207-838-8	497-19-8	H320
Sodium Percarbonate Peroxyhydrate	1% - 5%		8051-30-7	H315, H318

4. FIRST AID MEASURES

Inhalation:	Seek medical attention should discomfort persists. Move affected person to fresh air at once.
Skin Contact:	Rinse with water. Get medical attention if any discomfort continues. Wash skin thoroughly with soap and water. Remove contaminated clothing.
Eye contact:	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.
Ingestion:	Never give anything by mouth to an unconscious person. Do not induce vomiting. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Give milk instead of water if readily available. Get medical attention immediately.

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.

Protective actions during firefighting:

If risk of water pollution occurs, notify appropriate authorities. Control run-off water by containing and keeping it out of sewers and watercourses.

Special protective equipment for firefighters:

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.



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6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear personal protective equipment. Avoid Contact with skin and eyes. The area of the spill may be slippery. See also section 8.
Environmental Precautions:	Avoid release into the environment. Do not discharge to drains or sewers.
Clean up guidance:	Scoop up large quantities with an appropriate shovel or soak up with inert absorbent material. Dispose of as chemical waste. After initial clean up or for small spills rinse thoroughly with water.

7. HANDLING AND STORAGE

Fire Precautions:	Not expected to be flammable under normal conditions of use.
Storage:	Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep out of the reach of children.
Handling:	Waterproof gloves are recommended for prolonged use or extended contact with product. Wear dust mask if handling large quantities to prevent inhalation.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

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

Personal Protection	
Skin:	Wear waterproof gloves when cleaning up material or if individual has sensitive skin. If there is a risk of excessive splashing wear waterproof clothing.
Eyes:	Wear safety goggles where there is risk of splashing.
Respiratory:	Wear dust mask if handling large quantities to prevent inhalation.
Environment:	Avoid release into the environment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Granular
Colour:	White with blue speckles
Odour:	Mild, characteristic
pH value, conc. Solution:	10.0 – 11.0
Solubility:	Soluble in water
Flash Point:	No available data



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10. STABILITY AND REACTIVITY

Stability & Reactivity:	Stable under normal conditions of storage, handling and use. Will not polymerise.
Conditions to avoid:	Temperature extremes, store at >0°C and <40°C and avoid acids.
Incompatible materials:	Do not mix with other cleaning products.
Hazardous decomposition:	None under normal conditions.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	ATE oral (mg/kg) - 19,884.61538462
Ingestion:	Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.
Irritation:	Prolonged contact with product may cause de-fatting or slight irritation.
Inhalation:	Dust may irritate the respiratory system. Symptoms following overexposure may include the following: Coughing.
Corrosion:	Not corrosive.
Sensitisation:	To the best of our knowledge this product contains no sensitising ingredients.

12. ECOLOGICAL INFORMATION

Eco toxicity:	Low acute toxicity to aquatic organisms.
Toxicity:	Not considered toxic to fish.
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.

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.

