

SAFETY DATA SHEET

This Safety Data Sheet is provided in compliance with the EC Regulation 1907/20062015/830

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

- Product Name: Bioblock
- Product Part Number: BBCK

1.2 Relevant identified uses of the substance or mixture and uses advised against-

Use of the substance/mixture:

1.3 Details of the supplier of the safety data sheet:

- Name of Supplier: BioDose Ltd.,
- Address of Supplier: Unit 3, Atworth Business Park, Atworth, SN12 8SB, Wilts. UK
- Telephone: 0845 163 0221
- Responsible Person: Mr K. Stevens
- Email: contact@biodoseblock.com

1.4 Emergency telephone number

- Emergency Telephone: +44 (0) 7974 211070

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, STOT SE 3

2.2 Label elements

- Signal Word: Danger

• Hazard statements

- Harmful if swallowed.
- Causes skin irritation.
- Causes serious eye damage.

• Precautionary statements

- Keep out of reach of children.
- Wear protective gloves/protective clothing/eye protection/face protection.
- IF SWALLOWED: Call a POISON CENTRE/doctor/ if you feel unwell.
- Rinse mouth.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do, and continue rinsing
- If eye irritation persists: Get medical advice/attention.
- IF ON SKIN: Wash with plenty of soap and water.
- If skin irritation occurs: Get medical advice/attention.

2.3 Other hazards

- Contains: Sodium Dodecylbenzene Sulphonate



SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical Name	CAS Number	EC Number	Concentration	Categories	H Statements	REACH Registration Number
Sodium Dodecyl benzene Sulphonate	25155-30-0	246-680-4	30 - 45%	Acute Tox. 4; Skin Irrit. 2; Eye Dam. 1; STOT SE 3	H302, H315, H318, H335	N/A
Sodium Carbonate	497-19-8	207-838-8	40 - 50%	Eye Irrit. 2	H319	01-2119485498-19

SECTION 4: First Aid Measures

4.1 Description of First Aid Measures

- IF ON SKIN: Wash with plenty of soap and water.
- If skin irritation occurs: Get medical advice/attention.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- IIF SWALLOWED: Call a POISON CENTRE/doctor/ if you feel unwell. - Rinse mouth.

4.2 Most important symptoms and effects, both acute and delayed

- No hazard expected under normal conditions of use

4.3 Indication of any immediate medical attention and special treatment needed - Immediately call a POISON CENTER or doctor/physician.

SECTION 5: Firefighting Measures

5.1 Extinguishing media

- Do not use water jets
- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions
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5.2 Special hazards arising from the substance or mixture

- Smoke from fires is irritating. Take precautions to protect personnel from exposure
- Decomposition products may include nitrogen and carbon oxides

5.3 Advice for Firefighters

- May give off noxious and toxic fumes in a fire
- Substance evolves toxic fumes, wear self-contained breathing apparatus
- Prevent run-off water from entering drains if possible

SECTION 6: Accidental release measures

Damp down to avoid dust generation Spillage causes slippery surface

SECTION 6: Accidental release measures (...)

6.1 Personal precautions, protective equipment and emergency procedures

- Do not breathe dust/fumes/gas/mist/vapours/spray.
- Wear protective clothing as per section 8
- Evacuate the area
- Spillage causes slippery surface

6.2 Environmental precautions

- Avoid release to the environment.
- Do not allow to enter public sewers and watercourses
- Use appropriate containment to avoid environmental contamination

6.3 Methods and material for containment and cleaning up

- Absorb spillage in inert material and shovel up
- Dyke to prevent entry to sewer or waterway. Transfer liquid to a holding container

6.4 Reference to other sections

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

- Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.
- Store in a dry place. Store in a closed container.
- Wear protective gloves/protective clothing/eye protection/face protection.
- When using do not eat, drink or smoke
- Do not allow dust to accumulate on surfaces and equipment
- Forms hazardous decomposition products

7.2 Conditions for safe storage, including any incompatibilities

- Forms hazardous decomposition products
- Avoid contact with acid
- Keep away from oxidising substances

7.3 Specific end use(s)

SECTION 8: Exposure Controls / Personal protection

8.1 Control parameters

- There are no recommended or established controls for this product

8.2 Exposure controls

- Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.
- Not required when used as directed. Wash hands after handling the product.
- Check with personal protection equipment manufacturer
- Wear suitable protective clothing, eye/face protection and gloves

SECTION 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

- Appearance: Blue, Solid

SECTION 9: Physical and Chemical Properties

- Odour: None
- pH: 9 - 10

9.2 Other information

- No information available

SECTION 10: Stability and Reactivity

10.1 Reactivity

- No hazardous reactions known if used for its intended purpose

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of Hazardous Reactions

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

- Keep away from heat

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Substances

Chemical Name	LD50 (dermal)	LC50 (inhalation, rat)	LD50 (oral, rat)
Sodium Dodecylbenzene Sulphonate	Rat: 2,000 mg/kg	310 mg/l/4h	438 mg/kg
Sodium Carbonate	Rat: 2,000 mg/kg	2,300 mg/l/4h	2,800 mg/kg

SECTION 12: Ecological information information

12.1 Toxicity

Substances

Chemical Name	LC50 (fish)	LC50 (bluegill sunfish)	EC50 (Daphnia magna)
Sodium Dodecylbenzene Sulphonate	10 mg/l (96 hr)	-	3.5 mg/l (48hr)
Sodium Carbonate	-	300 mg/l (96 hr)	265 mg/l (48hr)

SECTION 12: Ecological information information (...)

12.2 Persistence and degradability

- No information available

12.3 Bioaccumulative potential

- No information available

12.4 Mobility in soil

- soluble in water

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12.6 Other adverse effects

- No information available

SECTION 13: Disposal Considerations

13.1 Waste Treatment Methods

- Disposal should be in accordance with local, state or national legislation

SECTION 14: Transport information

Not classified as hazardous for transport

14.1 UN number

- UN No.: Not applicable

14.2 Proper Shipping Name

- Proper Shipping Name: Not applicable

14.3 Transport hazard class(es)

- Hazard Class: Not applicable

14.4 Packing group

- Packing Group: Not applicable

14.5 Environmental hazards

- Not classified as hazardous for marine transport 14.6 Special precautions for user

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

SECTION 15: Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2 Chemical safety assessment

SECTION 15: Regulatory Information (...)

SECTION 16: Other Information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H302: Harmful if swallowed. H315: Causes skin irritation. H318: Causes serious eye damage. H319: Causes serious eye irritation. H335: May cause respiratory irritation.

Disclaimer:- The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties

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