

SAFETY DATA SHEET - BIO BLOCKS

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH) 1272/2008 (CLP)

1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

| | | |
|--------------|------------|-----|
| Product Name | Bio Blocks | |
| Trade name | BB | |
| CAS No. | | n/a |
| EINECS No. | | n/a |

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

| | |
|-------------------|--------------------------------------|
| Identified use(s) | Biological urinal and channel block. |
|-------------------|--------------------------------------|

1.3 Details of the supplier of the safety data sheet

| | |
|---------------------------|--|
| Company Identification | Bio Productions Ltd |
| Company Address | 72 Victoria Road, Burgess Hill, RH15 9LH, United Kingdom |
| Telephone | 0044 (0) 1444 244000 |
| Fax | 0044 (0) 1444 244999 |
| E-Mail (competent person) | technical@bio-productions.com |

1.4 Emergency telephone number

| | |
|---------------------|--|
| Emergency Phone No. | 0044 (0) 1444 244000 (office hours only) |
|---------------------|--|

2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Eye Dam.1 - H318 Causes serious eye damage

Skin irritation Cat.2 - H315 Causes skin irritation

2.1 Regulation (EC) No. 1272/2008 (CLP)

Classification according to Regulation (EC) No 1272/2008 (CLP)

2.1 Directive 67/548/EEC & Directive 1999/45/EC

Classification according to Directive 1999/45/EC

Xi, R38, R41

2.2 Label elements

2.2.1 Label elements

According to Regulation (EC) No 1272/2008 (CLP)

GHS Product Identifier

Hazard pictogram(s) Reach



Signal word(s) Reach

Danger

Hazard statement(s)

H318 Causes serious eye damage

H315 Causes skin irritation

Precautionary statement(s)

P102 Keep out of reach of children

P280 Wear protective gloves

P301+P312 IF SWALLOWED: call a POISON CENTRE or doctor/physician if you feel unwell.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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3 COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

| Hazardous Ingredient(s): | EINECS No | CAS NUMBER | %W/W | REACH according to Directive 67/548/EEC | CLP according to Regulation EC/1272/2008 |
|--|-----------|------------|-------|---|--|
| Benzenesulphonic acid mono C10-C13 Alkyl Derivs Sodium salts | | 68411-30-3 | 15-25 | Xn; R22, 38, 41 | Acute tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 Aqua chron. 3; H412 |
| Perfume (Reportable ingredients as below) | | Mixture | 1-5 | R20/21/22-38-43, R51/53 | Acute tox. orl 4; H302 Acute tox.derm 4; H312 Aqua chron. 2; H411 |
| 6-Octenal, 3,7, dimethyl- | 203-376-6 | 106-23-0 | <0.1 | Xi; R38-43 | Sens. Skin cat 1; H317 |
| 2,6-Octadien-1-ol, 3,7 dimethyl | 203-377-1 | 106-24-1 | <0.1 | Xi; R41-43 | Sens. Skin cat 1; H317 |
| 2,6-Octadien-1-al, 3,7 dimethyl | 226-394-6 | 5392-40-5 | <0.1 | Xi; R38-43 | Sens. Skin cat 1; H317 |
| Limonene | | 5989-27-5 | <0.1 | Xn, N; R10-38-43-65, R50/53 | Flam. Liq. Cat 3; H226 Sens. Skin cat 1; H317 |
| Non Hazardous Ingredient(s): | EINECS No | CAS NUMBER | %W/W | SYMBOL | RISK PHRASES |
| Sodium chloride | | 7647-14-5 | >30 | | |
| Bacteria species (non pathogen) | | | <5 | Minimum bacteria | count of 1.0 x 10 ⁸ cfu/g |

4 FIRST AID MEASURES

4.1 Description of first aid measures (Symptoms)

| | |
|------------------------|---|
| Inhalation | With normal use should not present a hazard |
| Skin Contact | May cause irritation and an allergic reaction |
| Eye Contact | May cause serious eye irritation |
| Ingestion | May cause irritation to the mouth, throat and digestive tract |
| Additional Information | Symptomatic treatment |

4.2 Description of first aid measures (Actions)

| | |
|------------------------|--|
| Inhalation | If affected, remove to fresh air, keep warm and at rest. Obtain medical attention in severe cases. |
| Skin Contact | Wash skin with soap and water. In severe cases obtain medical help. |
| Eye Contact | In case of contact, rinse immediately with plenty of water for at least 10-15 minutes. Obtain medical attention if irritation persists |
| Ingestion: | Do not give anything by mouth to an unconscious person. Wash out mouth with water and give copious amounts of water to drink. Do not induce vomiting. Obtain medical advice if patient unwell. |
| Additional Information | Always launder contaminated clothing before re-use |

5 FIRE-FIGHTING MEASURES

5.1 Extinguishing media

| | |
|------------------------------|--|
| Suitable Extinguishing Media | Product not flammable. Water spray, foam, dry powder or CO2 for surrounding fires. |
|------------------------------|--|

5.2 Special hazards arising from the

| | |
|----------------------|---------------------------------|
| Substance or mixture | |
| Exposure hazards | In combustion emits toxic fumes |

5.3 Advice for fire-fighters

| | |
|--|---|
| Special protective equipment for fire fighters | Full protective equipment including self-contained respiratory protection |
|--|---|

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6 ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures** Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing – see section 8 of SDS
- 6.2 Environmental precautions** Do not discharge into drains or rivers. Contain the spillage using bunding.
- 6.3 Methods and material for containment and cleaning up** Wearing gloves pick up blocks and return to tub.
- 6.4 Reference to other sections**
- 6.5 Additional Information** Spillages will prove slippery if product gets wet

7 HANDLING AND STORAGE

- 7.1 Precautions for safe handling** Avoid eye contact and prolonged skin contact
- 7.2 Conditions for safe storage, including any incompatibilities** Keep in original containers
- 7.3 Suitable packagings**
- 7.3 Specific end use(s)** Keep tightly closed when not in use
Do not store below 5°C or above 30°C

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

Hazardous Ingredients

NO OCCUPATIONAL LIMIT ASSIGNED

Workplace exposure limits

Respirable dust

| State | 8 hour TWA | 15 min STEL | 8 hour TWA | 15 min Stel |
|-------|------------|-------------|------------|-------------|
| | | | | |

8.2 Exposure Controls

Engineering measures

Respiratory Protection

Not necessary under normal usage

Hand Protection

Wear protective gloves (Butyl rubber or Polyvinyl chloride)

Eye Protection

Wear safety goggles

Skin Protection

Wear suitable protective overalls

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9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on the basic physical and chemical properties

| | |
|------------------------|-------------------------|
| Form: | Solid (Blocks) |
| Odour: | Citrus |
| Colour: | Blue |
| Viscosity: | Not Applicable |
| pH (Value): | 8 Typical (1% Solution) |
| Density (g/ml): | Not Applicable |
| Boiling Point: | Not Applicable |
| Flash Point: | Not Applicable |
| Melting Point: | Not Applicable |
| Pour Point (Deg C): | Not Applicable |
| Auto Ignition Temp. | Not Applicable |
| Vapour Pressures: | Not Applicable |
| Solubility (water): | Dissolves |
| Solubility (other): | Not Applicable |
| Partition Coefficient: | Not Applicable |
| Flammable Limits: | Not Applicable |
| Oxidising Props. | Not Applicable |

9.2 Other information

10 STABILITY AND REACTIVITY

| | |
|--|--------------------------------------|
| 10.1 Reactivity | Not expected to be reactive. |
| 10.2 Chemical Stability | Stable under normal conditions |
| 10.3 Possibility of hazardous reactions | No polymerisation reaction expected |
| 10.4 Conditions to avoid | Extremes of temperature and moisture |
| 10.5 Incompatible materials | Disinfectants |
| 10.6 Hazardous decomposition products | Burning produces Oxides of Carbon |

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11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Toxicity values

| Route | Species | Test | Value | Units |
|-------|---------|------|-------|-------|
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Relevant effects for mixture

| Effect | Route | Basis |
|--------|-------|-------|
| | | |
| | | |
| | | |

11.2 Symptoms / Routes of exposure

| | |
|--------------|---|
| Skin contact | May cause slight/mild irritation to sensitive skin with prolonged contact. May produce an allergic reaction. |
| Eye Contact | May cause serious eye irritation |
| Ingestion | May cause irritation to the mouth, throat and digestive tract. May also Cause nausea. |
| Inhalation | Under normal use should not present a hazard |

12 ECOLOGICAL INFORMATION

12.1 Toxicity

Eco Toxicity values

| Species | Test | Value | Units |
|---------|------|-------|-------|
| | | | |
| | | | |

12.2 Persistence and degradability

The surfactant(s) used in this preparation comply(ies) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3 Bioaccumulative potential

No bioaccumulation potential.

12.4 Mobility in soil

Readily absorbed into soil

12.5 Results of PBT and vPvB assessment

Does not contain PBT or vPvB substances.

12.6 Other Adverse Effects

Negligible ecotoxicity.

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13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

| | |
|-----------------------|--|
| Disposal operations | Dispose of in accordance with Local Authority Guidelines and Regulations |
| Disposal of packaging | Dispose of in accordance with Local Authority Guidelines and Regulations |

NB: The users attention is drawn to the possible existence of regional or national regulations regarding disposal

14 TRANSPORT INFORMATION

14.1 UN Number Not regulated for transport

14.2 UN Proper shipping name

14.3 Transport hazard class(es)

| | | |
|---------|---|----------------------|
| ARD/RID | : | Class |
| IMDG | : | Proper shipping name |
| IATA | : | Proper shipping name |

14.4 Packing Group

14.5 Environmental hazards

| | |
|-------------------------|----|
| Environmental hazardous | No |
| Marine pollutant | No |

14.6 Special precautions for user

15 REGULATORY INFORMATION

This preparation was classified in compliance with the following directions and regulations

Regulation (EC) No 1907/2006 (REACH) and amendments thereof up to and including Regulation (EU) No 453/2010. Regulation (EC) No 1272 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures.

None of the constituent ingredients are listed on the candidate list of Substances of Very High Concern for Authorization in accordance with Article 59(10) of the REACH Regulation.

other provisions

The regulatory information given above only indicates the principal regulations specifically applicable to the product described in this safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local

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regulations or provisions.

15 REGULATORY INFORMATION (continued)

15.2 chemical safety assesment

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

16 OTHER INFORMATION

16.1 Phrases used in Sections 2 and 3

Hazard Statements

H226 Flammable liquid and vapour - Cat.3
H332/312/302 Harmful if inhaled, in contact with skin & if swallowed
H302 Harmful if swallowed
H315 Causes skin irritation
H318 Causes serious eye damage
H317 May cause an allergic skin reaction
H401 Toxic to aquatic life - Cat.2
H305 May be fatal if swallowed and enters airways - Cat.2
H412 Harmful to aquatic life with long lasting effects
R10 Flammable
R20/21/22 Harmful by inhalation, in contact with skin and if swallowed
R22 Harmful if swallowed
R38 Irritating to skin
R41 Risk of serious damage to eyes
R43 May cause sensitisation by skin contact
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R65 Harmful: may cause lung damage if swallowed.

Risk phrases

16.2 Other information

Contains: Perfume ingredients - Citral, Citronellol, Geraniol, Limonene
May cause an allergic reaction.
Anionic surfactants 15-<30%

Legal disclaimer

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide.
It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements & local regulations
This company shall not be held liable for any damage resulting from handling or from contact with the above product.