
SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name:Bioblock S
- UFI:Not available
- Product Part Number:BBCKS

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

- Use of the substance/mixture:Cleaning agent

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Blood Yell Ltd

1.4 Emergency telephone number

- Emergency Telephone:+44 (0) 01225 702 073

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.
- May cause respiratory irritation. Causes skin irritation.
- Causes serious eye damage.

Precautionary statements

Keep out of reach of children.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Wear protective gloves/protective clothing/eye protection/face protection.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Get immediate medical advice/attention.
IF ON SKIN: Wash with plenty of soap and water.

SECTION 2: Hazards identification (....)

If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
Immediately call a POISON CENTER or doctor/physician.
Store in a well-ventilated place. Keep container tightly closed.

2.3 Other hazards

-Contains:Sodium Dodecylbenzene Sulphonate

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Sodium Dodecylbenzene Sulphonate

CAS Number:25155-30-0
EC Number:246-680-4
Concentration:20 - 30%
H Statements:H302, H315, H318, H335
Categories:Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, STOT SE 3

Sodium Nitrate

CAS Number:7631-99-4
EC Number:231-554-3
Concentration:< 1%
H Statements:H272;H302;H315;H319;H335
Categories:Ox. Sol. 3, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2

SECTION 4: First aid measures

4.1 Description of first aid measures

Contact with eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Get immediate medical advice/attention.

Contact with skin

IF ON SKIN: Wash with plenty of soap and water.
If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Ingestion

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
Get immediate medical advice/attention.

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Get immediate medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

SECTION 4: First aid measures (...)

-No hazard expected under normal conditions of use

4.3 Indication of any immediate medical attention and special treatment needed

-Unlikely to occur when used as directed.

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Do not use water jets
- In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide

5.2 Special hazards arising from the substance or mixture

- Smoke from fires is irritating. Take precautions to protect personnel from exposure - May give off noxious and toxic fumes in a fire
- Contains oxidizing substances

5.3 Advice for firefighters

- Smoke from fires is irritating. Take precautions to protect personnel from exposure
 - May give off noxious and toxic fumes in a fire
 - In poorly ventilated areas or confined spaces, use an airline respirator or self-contained breathing apparatus
 - Wear chemical protection suit and positive-pressure breathing apparatus
 - Wear suitable protective clothing
 - Wear suitable respiratory equipment
-

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Avoid contact with skin and eyes
- Do not breathe dust/fume/gas/mist/vapours/spray.
- Ensure adequate ventilation
- Evacuate the area
- Wear protective gloves/protective clothing/eye protection/face protection.

6.2 Environmental precautions

- Small releases should not pose any hazard to the local environment. - Do not allow to enter public sewers and watercourses

6.3 Methods and material for containment and cleaning up

- Ensure adequate ventilation. Absorb liquid components with liquid binding material (sand, diatomite, acid binders, universal binders, sawdust).
- Absorb spillage in inert material and shovel up
- Collect spillage.
- Place in appropriate container
- Ventilate the area and wash spill site after material pick-up is complete

6.4 Reference to other sections

- See Section 8
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SECTION 7: Handling and storage

7.1 Precautions for safe handling

SECTION 7: Handling and storage (...)

- Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.
- Avoid contact with skin and eyes
- Do not breathe dust/fume/gas/mist/vapours/spray.
- Store in a dry place. Store in a closed container.
- Store in a well-ventilated place. Keep cool.
- Wash contaminated clothing before reuse.
- Wash thoroughly after use
- Wear suitable protective clothing

7.2 Conditions for safe storage, including any incompatibilities

- Keep away from acids and alkalis
- Keep away from reducing agents
- Keep container tightly closed, in a cool, well ventilated place - Store in a well-ventilated place. Keep cool.
- Forms hazardous decomposition products
- Store locked up.

7.3 Specific end use(s)

- Cleaning agent
-

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- There are no recommended or established controls for this product

8.2 Exposure controls

- Avoid contact with skin and eyes
 - Do not breathe dust/fume/gas/mist/vapours/spray.
 - Wash thoroughly after handling.
 - Use personal protective equipment as required.
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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Physical state:Solid
- Colour: Blue
- Odour:Characteristic odour
- Melting point/Range:Not available
- Boiling Point/Range:Not available
- Flammability:No information available
- pH:6 - 8
- Solubility in water:Miscible with water
- Density:Not applicable

9.2 Other information

- No information available
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SECTION 10: Stability and reactivity

10.1 Reactivity

SECTION 10: Stability and 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 -

Avoid contact with acids and alkalis

-Avoid contact with reducing agents

10.4 Conditions to avoid

-Avoid contact with acids and alkalis

-Keep away from alkalis (strong bases)

-Avoid contact with reducing agents

10.5 Incompatible materials

-Avoid contact with acids and alkalis -

Avoid contact with reducing agents

10.6 Hazardous decomposition products

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Estimated LD₅₀ (oral) (ATE) :1886.792 mg/kg

Estimated LD₅₀ (dermal) (ATE) :>4000 mg/kg

Estimated LD₅₀ (inhalational) (ATE) :>5 mg/l/4hr (dust/mist)

Sodium Nitrate

LD₅₀ (oral, rat):1267 mg/kg

Sodium Dodecylbenzene Sulphonate

LD₅₀ (oral, rat):438 mg/kg

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

May cause irritation

Germ cell mutagenicity

Based on the available data, the classification criteria are not met

Carcinogenicity

Based on the available data, the classification criteria are not met

Reproductive toxicity

Based on the available data, the classification criteria are not met

SECTION 11: Toxicological information (....)

STOT (specific target organ toxicity) - single exposure

Based on the available data, the classification criteria are not met

STOT (specific target organ toxicity) - repeated exposure

Based on the available data, the classification criteria are not met

Aspiration hazard

May cause irritation

11.2 Information on other hazards

-No information available

SECTION 12: Ecological information

12.1 Toxicity

Sodium Nitrate

EC₅₀ (Daphnia magna):6000 mg/l (48 hr)

12.2 Persistence and degradability

-No information available -

Soluble in water

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 Endocrine disrupting properties

-No information available

12.7 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 or ID

number UN No.:Not applicable

14.2 UN proper shipping name

SECTION 14: Transport information (....)

-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

-No information available

14.7 Maritime transport in bulk according to IMO instruments

-Not applicable

SECTION 15: Regulatory information

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

-The COSHH Regulations apply in the UK

-EH40/2005 Occupational Exposure limits (UK)

15.2 Chemical safety assessment

SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:-
H272: May intensify fire; oxidiser. H302: Harmful if swallowed. H315: Causes skin irritation.
H318: Causes serious eye damage. H319: Causes serious eye irritation. H335: May cause respiratory irritation.

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

This Safety Data Sheet does not constitute a workplace risk assessment

--- end of safety datasheet ---
