
SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: Bio Clean
- UFI:

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: Bio Technics Ltd
- Address of Supplier: Linton Business Park
Gourdon
Aberdeenshire
DD10 0NH
Scotland, United Kingdom
- Telephone: +44 (0) 1561 361515
- Responsible Person: Joseph Hannah
- Email: info@bio-technics.com

1.4 Emergency telephone number

- Emergency Telephone: +44 (0) 1561 361515 (24 Hours)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Skin Sens. 1, Eye Dam. 1

2.2 Label elements



- Signal Word: Danger

Hazard statements

- Causes serious eye damage (H318).
- May cause an allergic skin reaction (H317).

Precautionary statements

- Avoid breathing dust/fume/gas/mist/vapours/spray (P261).
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305+P351+P338).
- Wear protective gloves/protective clothing/eye protection/face protection (P280).
- Immediately call a POISON CENTER or doctor/physician (P310).
- If skin irritation or rash occurs: Get medical advice/attention (P333+P313).
- Wash contaminated clothing before reuse (P363).
- IF ON SKIN: Wash with plenty of soap and water (P302+P352).
- Contaminated work clothing should not be allowed out of the workplace (P272).

SECTION 2: Hazards identification (....)

2.3 Other hazards

- Contains: BENZENESULFONIC ACID, MONO-C10-16-ALKYL DERIVS., SODIUM SALTS
1,2-benzisothiazol-3(2H)-one

SECTION 3: Composition/information on ingredients

3.2 Mixtures

BENZENESULFONIC ACID, MONO-C10-16-ALKYL DERIVS., SODIUM SALTS

CAS Number: 68081-81-2
EC Number: 268-356-1
Concentration: 1% - 10%
Specific Concentration Limits:
M factor:
Acute toxicity estimate:
Categories: Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1
Symbols: GHS05, GHS07
H Statements: H302, H315, H318

Ethylenediaminetetraacetic acid, tetrasodium salt

CAS Number: 64-02-8
EC Number: 200-573-9
Concentration: <1%
Specific Concentration Limits:
M factor:
Acute toxicity estimate:
Categories: Acute Tox. 4, Eye Dam. 1
Symbols: GHS05;GHS07
H Statements: H302;H318

Alcohols, C9-11, ethoxylated

CAS Number: 68439-46-3
EC Number: 614-482-0
Concentration: <1%
Specific Concentration Limits:
M factor:
Acute toxicity estimate:
Categories: Acute Tox. 4, Eye Dam. 1
Symbols: GHS05, GHS07
H Statements: H302, H318

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 or rash occurs: Get medical advice/attention.

SECTION 4: First aid measures (....)

- Wash contaminated clothing before reuse.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

4.2 Most important symptoms and effects, both acute and delayed

- May cause redness and irritation
- Mildly irritating to skin and eyes
- Can cause damage to the eyes and skin

4.3 Indication of any immediate medical attention and special treatment needed

- Immediately call a POISON CENTER or doctor/physician.
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SECTION 5: Firefighting measures

5.1 Extinguishing media

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

5.2 Special hazards arising from the substance or mixture

- No hazard expected under normal conditions of use

5.3 Advice for firefighters

- Prevent run off water from entering drains if possible
 - Wear chemical protection suit and positive-pressure breathing apparatus
 - Wear full protective clothing including chemical protection suit
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SECTION 6: Accidental release measures

Spillage causes slippery surface

6.1 Personal precautions, protective equipment and emergency procedures

- Contain spillage by any means possible
- Wear eye/face protection
- Wear protective clothing as per section 8

6.2 Environmental precautions

- Avoid release to the environment. Refer to special instructions/Safety data sheets
- Do not empty into drains
- Use appropriate containment to avoid environmental contamination

6.3 Methods and material for containment and cleaning up

- Absorb spillage in dry sand
- Absorb spillage in earth or sand
- Remove contaminated material to safe location for subsequent disposal

6.4 Reference to other sections

- See Section 8
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SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Contaminated work clothing should not be allowed out of the workplace.
 - Wear protective gloves/protective clothing/eye protection/face protection.
 - Wash contaminated clothing before reuse.
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SECTION 7: Handling and storage (....)

7.2 Conditions for safe storage, including any incompatibilities

- Store in a well-ventilated place. Keep container tightly closed.

7.3 Specific end use(s)

- No information available
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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- No information available

8.2 Exposure controls

- Contaminated work clothing should not be allowed out of the workplace.
 - Wear protective gloves/protective clothing/eye protection/face protection.
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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Physical state: liquid
- Colour: off-white
- Odour: Pleasant
- Melting point/Range: not available
- Boiling Point/Range: not available
- Flammability: Non-flammable
- pH: Approximately 8.0
- Solubility in water: Completely soluble in water
- Density: 1.00
- Flashpoint: >93°C

9.2 Other information

- No information available
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SECTION 10: Stability and reactivity

10.1 Reactivity

- This article is considered stable under normal conditions

10.2 Chemical stability

- This article is 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

- Avoid contact with skin and eyes
- Keep away from heat

10.5 Incompatible materials

- Incompatible with acid
 - Incompatible with strong oxidizing substances
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SECTION 10: Stability and reactivity (....)

10.6 Hazardous decomposition products

- No hazardous decomposition products known

SECTION 11: Toxicological information

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

Acute toxicity

No information available

Skin corrosion/irritation

May cause redness and irritation

May cause severe irritation

Serious eye damage/irritation

In extreme cases ocular damage caused

May cause redness and irritation

Possible risk of irreversible effects

Respiratory or skin sensitisation

Contains 1,2-benzisothiazolin-3-one. May produce an allergic reaction.

Germ cell mutagenicity

No information available

Carcinogenicity

No information available

Reproductive toxicity

No information available

STOT (specific target organ toxicity) - single exposure

No information available

STOT (specific target organ toxicity) - repeated exposure

No information available

Aspiration hazard

No information available

11.2 Information on other hazards

- No information available

SECTION 12: Ecological information

12.1 Toxicity

- No information available

12.2 Persistence and degradability

- No information available

SECTION 12: Ecological information (....)

- 12.3 Bioaccumulative potential
 - No information available
 - 12.4 Mobility in soil
 - miscible with water
 - 12.5 Results of PBT and vPvB assessment
 - Not a PBT according to REACH Annex XIII
 - 12.6 Endocrine disrupting properties
 - Not applicable
 - 12.7 Other adverse effects
 - No information available
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SECTION 13: Disposal considerations

- 13.1 Waste treatment methods
 - Avoid release to the environment. Refer to special instructions/Safety data sheets
 - Disposal should be in accordance with local, state or national legislation
 - Do not discharge into drains or the environment, dispose to an authorised waste collection point
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SECTION 14: Transport information

- 14.1 UN number or ID number
 - UN No.: Not applicable
 - 14.2 UN 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 applicable
 - 14.6 Special precautions for user
 - Not classified as hazardous for transport
 - 14.7 Maritime transport in bulk according to IMO instruments
 - No information available
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SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
 - Not hazardous according to current ADR Regulations
 - 15.2 Chemical safety assessment
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SECTION 15: Regulatory information (....)

- A chemical safety assessment (CSA) for this product has not yet been completed
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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.

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. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

--- end of safety datasheet ---
