

---

## 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: Julia See

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).

#### 2.3 Other hazards

Contains: 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: H332; H302; H318

**Alcohols, C9-11, ethoxylated**

CAS Number: 68439-46-3  
EC Number: 931-514-1  
Concentration: <1%  
Specific Concentration Limits:  
M factor:  
Acute toxicity estimate:  
Categories: Skin Irrit. 2, Eye Dam. 1  
Symbols: GHS05  
H Statements: H315; H318

**1,2-benzisothiazol-3(2H)-one**

CAS Number: 2634-33-5  
EC Number: 220-120-9  
Concentration: <0.5%  
Specific Concentration Limits:  
M factor:  
Acute toxicity estimate:  
Categories: Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1  
REACH Registration Number: 01-2120761540-60  
Symbols: GHS05; GHS09; GHS07  
H Statements: H302; H315; H317; H318; H400

## **SECTION 4: First aid measures**

### **4.1 Description of first aid measures**

- If skin irritation or rash occurs: Get medical advice/attention.
- 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.
- IF ON SKIN: Wash with plenty of soap and water.

### **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.
- 

## **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
- 

## **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
- 

## **SECTION 7: Handling and storage**

### **7.1 Precautions for safe handling**

- Wash contaminated clothing before reuse.
- Dispose of contents/container to an authorised waste collection point
- Contaminated work clothing should not be allowed out of the workplace.
- Wear protective gloves/protective clothing/eye protection/face protection.

### **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)**

**SECTION 7: Handling and storage (....)**

- No information available
- 

**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.
- 

**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
- 

**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

**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**

Estimated LD <sub>50</sub> (oral) (ATE) :	13888.89 mg/kg
Estimated LD <sub>50</sub> (dermal) (ATE) :	>4000 mg/kg

**SECTION 11: Toxicological information (....)**

Estimated LD<sub>50</sub> (inhalational) (ATE) : >20 mg/l/4hr (gas/vapour)

**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

**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

**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
- 

**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
- 

**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**

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

**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. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H332: Harmful if inhaled. H400: Very toxic to aquatic life.**

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.