

SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: Bio Treat Original
- 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).
Harmful to aquatic life (H402).

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).

SECTION 2: Hazards identification (....)

Contaminated work clothing should not be allowed out of the workplace (P272).

2.3 Other hazards

- Contains: BENZENESULFONIC ACID, MONO-C10-16-ALKYL DERIVS., SODIUM SALTS
NEUTRACLEAN K/43154

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

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

CAS Number: 2634-33-5

EC Number: 220-120-9

Concentration: <1%

SECTION 3: Composition/information on ingredients (....)

Specific Concentration Limits: Skin Sens. 1; H317: C ≥ 0,05 %

M factor:

Acute toxicity estimate:

Categories: Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1

Symbols: GHS05;GHS07;GHS09

H Statements: H302;H315;H318;H317;H400

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.
- 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
- May cause severe 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

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

SECTION 6: Accidental release measures (....)

- 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.

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

Diphenyl ether
UK WEL Long term ppm 1 ppm
UK WEL Long term mgm3 7.1 mg/m³

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: blue
- 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: 1.000
- Flashpoint: >93°C

9.2 Other information

- No information available
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SECTION 10: Stability and reactivity

SECTION 10: Stability and reactivity (....)

10.1 Reactivity

10.2 Chemical stability

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid

10.5 Incompatible materials

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

Amyl salicylate

LD50/ATE Oral; 2000.

LD50/ATE Dermal; Not available.

LC50/ATE Inhalation; Not available.

LC50 Route; Not available.

Benzoic acid, 2-

hydroxy-, 2-methylbutyl ester

LD50/ATE Oral; 1406.

LD50/ATE Dermal; Not available.

LC50/ATE Inhalation; Not available.

LC50 Route; Not available.

Butylphenyl

Methylpropional

LD50/ATE Oral; 1390.

LD50/ATE Dermal; 2000.

LC50/ATE Inhalation; Not available.

LC50 Route; Not available.

Cinnamaldehyde

LD50/ATE Oral; 2500.

LD50/ATE Dermal; 1100.

LC50/ATE Inhalation; Not available.

LC50 Route; Not available.

Methyl salicylate

LD50/ATE Oral; 890.

LD50/ATE Dermal; Not available.

LC50/ATE Inhalation; Not available.

LC50 Route; Not available.

Phenethyl alcohol

LD50/ATE Oral; 1610.

LD50/ATE Dermal; 2500.

LC50/ATE Inhalation; Not available.

LC50 Route; Not available.

Skin corrosion/irritation

SECTION 11: Toxicological information (....)

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

No information available but must be considered harmful

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

- Biodegradable

12.3 Bioaccumulative potential

No bioaccumulation potential.

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

SECTION 12: Ecological information (....)

- 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

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

--- end of safety datasheet ---
