

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

1.1 Product identifier

Product name: BioClenze Extreme

Other identification:

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

Disinfectant/cleaner

1.3 Details of the supplier of the safety data sheet

SwanTek

Mintsfeet Road South, Kendal, LA9 6ND, UK

Tel: +44 (0)1539 722247 Email: service@swantek.com Web: www.swantek.com

1.4 Emergency telephone number

As per section 1.3

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Skin corrosion/irritation, Category 2 H315

Serious eye damage/eye irritation, Category 1 H318

Full text of H statements: see section 16

Adverse physicochemical, human health and environmental effects: No additional information available

2.2 Label elements

Hazard pictograms: CLP 05 Corrosive

(none)

(none)

(none)



Signal word: Danger

Hazard statements: H315 - Causes skin irritation.
H318 - Causes serious eye damage.

Precautionary statements: P264 - Wash hands thoroughly after handling.
P280 - Wear eye protection, protective gloves.
P302+P352 - IF ON SKIN: Wash with plenty of soap, water.
P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison centre/doctor.
P362+P364 - Take off contaminated clothing and wash it before reuse.

Other label elements: Hazardous ingredients: Alcohol Alkoxylate; Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides; didecyldimethylammonium chloride

2.3 Other hazards

No additional information available

Section 3: Composition / information on ingredients

3.1 Substances

3.2 Mixtures

Alcohol Alkoxylate

(CAS-No.) 166736-08-9

1 - 5 %

Acute Tox. 4 (Oral), H302

Eye Dam. 1, H318

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides

(CAS-No.) 68424-85-1, (EC-No.) 270-325-2, (REACH-no) 01-2119965180-41

1 - 5 %

Acute Tox. 4 (Oral), H302

Skin Corr. 1B, H314

Eye Dam. 1, H318

Aquatic Acute 1, H400

Aquatic Chronic Not classified

didecyldimethylammonium chloride

(CAS-No.) 7173-51-5, (EC-No.) 230-525-2, (EC Index-No.) 612-131-00-6

1 - 5 %

Acute Tox. 4 (Oral), H302

Skin Corr. 1B, H314

Eye Dam. 1, H318

Full text of H-statements: see section 16

Section 4: First aid measures

4.1 Description of first aid measures

General: Get medical advice/attention if you feel unwell.

Inhalation: Remove person to fresh air and keep comfortable for breathing.

Ingestion: Give nothing or a little water to drink. Get medical advice/attention if you feel unwell.

Skin: Wash with plenty of water/soap.

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

4.2 Most important symptoms and effects, both acute and delayed

General:

Inhalation: May cause respiratory irritation.

Ingestion: May cause a light irritation of the linings of the mouth, throat, and gastrointestinal tract.

Skin: Repeated exposure may cause skin dryness or cracking.

Eye: Causes eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Section 5: Firefighting measures

5.1 Extinguishing media

Carbon dioxide. Dry powder. Foam.

5.2 Special hazards arising from the substance or mixture

No additional information available

5.3 Advice for firefighters

No additional information available

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Evacuate unnecessary personnel. Use personal protective equipment as required.

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

For containment: Collect spillage.

Methods for cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

6.4 Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

Section 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with eyes. Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures: Does not require any specific or particular technical measures.

Storage conditions: Keep container closed when not in use.

Incompatible products: Oxidizing agent. Strong acids. Strong bases.

Special rules on packaging: Keep only in original container.

7.3 Specific end use(s)

No additional information available

Section 8: Exposure controls / personal protection

8.1 Control parameters

No additional information available

8.2 Exposure controls

Hand protection: Chemical resistant gloves (according to European standard EN 374 or equivalent). Nitrile rubber gloves

Eye protection: Safety glasses. EN 166

Skin and body protection: Not required for normal conditions of use

Respiratory protection: Not required for normal conditions of use

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Note: This information represents typical data and is not a specification.

Physical state	Liquid
Appearance	Liquid
Colour	Dark red
Odour	Odourless
pH	10
Boiling point	$\geq 100^{\circ}\text{C}$
Relative density	1.03
Solubility	Soluble in water

9.2 Other information

No additional information available

Section 10: Stability and reactivity

10.1 Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4 Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible

10.5 Incompatible materials

None under normal use.

10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity (oral): Not classified
Acute toxicity (dermal): Not classified
Acute toxicity (inhalation): Not classified
Skin corrosion/irritation: Causes skin irritation. pH: 10
Serious eye damage/irritation: Causes serious eye damage. pH: 10
Respiratory or skin sensitisation: Not classified
Germ cell mutagenicity: Not classified
Carcinogenicity: Not classified
Reproductive toxicity: Not classified
STOT-single exposure: Not classified
STOT-repeated exposure: Not classified
Aspiration hazard: Not classified

Section 12: Ecological information

12.1 Toxicity

Hazardous to the aquatic environment, short-term (acute): Not classified
Hazardous to the aquatic environment, long-term (chronic): Not classified

Alcohol Alkoxylate (166736-08-9)
LC50 fish 1: > 10 - 100 mg/l
EC50 Daphnia 1: > 10 - 100 mg/l
ErC50 (other aquatic plants): > 10 - 100 mg/l

12.2 Persistence and degradability

No additional information available

12.3 Bioaccumulative potential

No additional information available

12.4 Mobility in soil

No additional information available

12.5 Results of PBT and vPvB assessment

No additional information available

12.6 Other adverse effects

No additional information available

Section 13: Disposal considerations

13.1 Waste treatment methods

No additional information available

Section 14: Transport information

General

Not hazardous for transport in accordance with ADR / RID / IMDG / IATA / ADN.

14.1 UN Number

14.2 UN proper shipping name

14.3 Transport hazard class(es)

14.4 Packing group

14.5 Environmental hazards

14.6 Special precautions for user

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

Section 15: Regulatory information

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

Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Substances subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals: Didecyldimethylammonium chloride (7173-51-5)

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Detergent Regulation, labelling of contents: Non-ionic surfactants <5%, cationic surfactants <5%, disinfectants

15.2 Chemical safety assessment

No additional information available

Section 16: Other information

Full text of H and EUH statements:

Acute Tox. 4: (Oral) Acute toxicity (oral), Category 4

Aquatic Acute 1: Hazardous to the aquatic environment — Acute Hazard, Category 1

Aquatic Chronic Not classified: Hazardous to the aquatic environment - Chronic Hazard Not classified

Eye Dam. 1: Serious eye damage/eye irritation, Category 1

Eye Irrit. 2: Serious eye damage/eye irritation, Category 2

Skin Corr. 1B: Skin corrosion/irritation, Category 1B

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H400 Very toxic to aquatic life.

The responsibility to ensure safe working conditions within the workplace remains with the user. The information on this SDS is given as a guide to the precautions required to maintain a safe work environment. This product is for professional use only. Not for sale or resale to the general public. Use in applications other than those described above may give rise to risks not covered by the information on this SDS. The physical and chemical properties on this SDS are typical properties and are not a specification. Please report any errors.