

SAFETY DATA SHEET according to regulation (EC) No.1907/2006

Date of issue: 16 September 2014 Issue number: 1

dentisan[®]

INNOVATION, EDUCATION, COMPLIANCE

SECTION 1: Identification of the substance/mixture and company

1.1. Product Identifier

Product code: DS012

Name: Biocleanse Ultra

1.2. Product Uses

Disinfectant cleaner for medical devices



1.3. Supplier

Dentisan
Bateman Street
Derby

DE23 8JL
Phone: 01332 268526
Fax: 01332 295941
Email: info@dentisan.co.uk
www.dentisan.co.uk

1.4. Emergency telephone number

Emergency telephone number: 01332 292402

SECTION 2: Hazards identification (Undiluted product)

2.1. Classification of the mixture

According to 1272/2008

Health Hazards: Not Classified

Physical Hazards: Not Classified

Environmental Hazards: Aquatic Chronic 3

2.2. Label elements

According to 1272/2008

H412 Harmful to aquatic life with long lasting effects
EUH208 Contains PHMB. May produce an allergic reaction
P273 Avoid release to the environment.
P262 Do not get in eyes, on skin, or on clothing.
P302 + P352 IF ON SKIN: Wash with plenty of water.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing.
P405 Store locked up.

2.3. Other hazards

SECTION 3: Composition/ information on ingredients

Material	CAS number	Level	Hazards (see section 16)	
Nonionic surfactant	1643-20-5	0-1%	Aquatic Acute 1, Aquatic Chronic 2, Eye Dam. 1, Skin Irrit. 2	H315, H318, H400 ,H411
Didecylidimethyl ammonium chloride	7173-51-5	0-1%	Acute Tox. 4, Aquatic Acute 1, Flam. Liq. 3, Met. Corr. 1, Skin Corr. 1B, STOT SE 3	H226 H290 H302 H314 H336 H400
Poly (hexamthylenebiguanide) hydrochloride	32289-58-0	0-1%	Acute Tox. 4, Aquatic Acute 1, Aquatic Chronic 1, Carc. 2, Eye Dam. 1, Skin Sens. 1, STOT RE 1	H351 H302 H372 H318 H317 H400 H410

SECTION 4: First aid measures

4.1. Description of first aid measures

Eye contact: Immediately flush eyes with water, holding eyelids apart, for at least 10 minutes. Seek medical assistance if irritation persists.

Skin contact: Remove contaminated clothing, wash skin with soap and water. Seek medical attention if irritation persists.

Inhalation: If irritation occurs, remove to fresh air, keep warm and at rest, seek medical attention immediately.

Ingestion: Do not induce vomiting. If conscious, give water to drink. Seek medical assistance immediately.

First aider PPE: As required to prevent contact. See section 8.2.

4.2. Most important symptoms and effects, both acute and delayed

Eye hazard: Will cause discomfort.

Skin hazard: Prolonged or repeated contact may cause irritation/dryness.

Respiratory hazard: Breathing spray mist may cause irritation.

Other hazards:

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: Fire fighting measures

Flammability hazard: Not combustible.

5.1. Extinguishing media

No special requirements. As appropriate for the fire.

5.2. Special hazards arising from the mixture

No specific hazards arising from the mixture.

5.3. Advice for firefighters

No special measures arising from the mixture.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Take precautions to avoid contact. Use Personal Protective Equipment as detailed in section 8

Spillage may make floors slippery. Keep the area clear. Observe regulations.

6.2. Environmental precautions

Prevent spills from entering water courses.

6.3. Methods and material for containment and cleaning up

Small quantities, flush to foul sewer with a large quantity of water.

Large quantities, contain and absorb or pump into suitable containers for disposal.

6.4. Reference to other sections

Observe the advice given in sections 8 and 13

SECTION 7: Handling and storage

Shelf life: 24 months in original sealed containers.

7.1. Precautions for safe handling

Do not mix with other products. Observe good industrial hygiene.

7.2. Conditions for safe storage, including any incompatibilities

Store in a cool, dry place protected from frost and away from acids and strong oxidising agents. Store upright in original containers. Recommended storage temperature 5-25°C.

7.3. Product Uses

Follow the device manufacturer's instructions for cleaning. Use Biocleanse Ultra as supplied. Remove gross soiling. For medical device surface cleaning and disinfection, apply with a suitable wipe or spray and wipe. Use an absorbent wipe to minimise visible residue on high gloss finishes.

Where applicable, for small devices, apply by immersion, or using ultrasonic agitation. Rinse cleaned devices with water. Do not apply to hot surfaces or live electrical equipment.

This product is not intended for use on invasive devices.

Please refer to product safety data sheet before use. Use only as directed.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits

None set in UK EH40

8.2. Exposure controls

These measures are suggested on the basis of general use methods and may not be appropriate to all potential uses of the product. The user is responsible for carrying out a full risk assessment of their specific processes and systems of work.

Eye protection: Wear eye protection appropriate to the process according to BS EN 166 if splashing is likely.

Hand protection: Wear pvc or latex gloves. Exact choice of glove depends on specific risk assessments.

Body protection: As necessary to prevent contact.

Respiratory protection: Avoid breathing spray mist, wear a protective mask to EN149 if necessary.

Other protection:

Personal protective equipment:



Exact PPE requirements should be determined from a specific risk assessment of the processes being carried out.

Environmental protection: Prevent mixture from entering water courses.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance: Clear colourless liquid

Odour: Virtually odourless

pH (typical): 7.5 as supplied (typical).

Initial boiling point: 100°C.

Flash point: None.

Auto-ignition temp: Not applicable.

Viscosity: Free flowing.

Explosive properties: None.

Oxidising properties: None.

Vapour pressure: 17.5mm Hg at 20°C.

Solubility: Miscible with water.

Relative density at 20° C (typical): 1.000

9.2. Other information

SECTION 10: Stability and reactivity

- 10.1. Reactivity** Incompatible with strong oxidising agents and acids.
- 10.2. Chemical stability** Stable under recommended storage conditions.
- 10.3. Possibility of hazardous reactions** No hazardous reactions are expected to occur.
- 10.4. Conditions to avoid** Extremes of temperature.
- 10.5. Incompatible materials** Incompatible with strong oxidising agents and acids.
- 10.6. Hazardous decomposition products** None known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity:	Contains ingredients classified as Acute Tox. Section 3. Mixture is not classified as Acute Tox.
Skin corrosion/ irritation:	Contains ingredients classified as Skin Corr. Section 3. Mixture is not classified as Skin Corr.
Serious eye damage/ irritation:	Contains ingredients classified as Eye Dam/ Irrit. Section 3. Mixture is not classified as Eye Dam/ Irrit.
Respiratory or skin sensitisation:	Contains an ingredient classified as Sensitising. Section 3. Mixture is not classified as Sensitising.
Germ cell mutagenicity:	Does not contain any ingredients classified as mutagenic.
Carcinogenicity:	Contains an ingredient classified as Carc. Section 3. Mixture is not classified as Carc.
Reproductive toxicity:	Does not contain any ingredients classified as toxic for reproduction.
STOT single exposure:	Contains an ingredient classified as STOT SE. Section 3. Mixture is not classified as STOT SE.
STOT repeated exposure:	Contains an ingredient classified as STOT RE. Section 3. Mixture is not classified as STOT RE.
Aspiration toxicity:	Does not contain any ingredients classified as Asp Tox.

Routes of exposure/ symptoms

Eye contact:	Will cause discomfort.
Skin contact:	Prolonged or repeated contact may cause irritation/dryness.
Inhalation:	Breathing spray mist may cause irritation.
Ingestion:	Low toxicity, will cause irritation to gastro-intestinal tract.

SECTION 12: Ecological information

- 12.1. Toxicity** This product has microbiocidal properties. Large quantities may affect biological treatment plants. Product is classified as harmful to aquatic life with long lasting effects
- 12.2. Persistence and degradability** May affect aquatic organisms due to biocidal activity if released into water courses untreated.
- 12.3. Bioaccumulative potential** Not expected to bioaccumulate
- 12.4. Mobility in soil** This product has high water solubility
- 12.5. Results of PBT and vPvB assessment** Contains no ingredients classified as PBT or vPvB.
- 12.6. Other adverse effects** No other adverse effects are anticipated.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Process effluent can normally be discharged to foul sewer (subject to consent limits).
Large quantities, dispose via a licensed chemical waste contractor.
Empty cleaned containers can be recycled where facilities exist or sent for landfill or incineration where permitted.

SECTION 14: Transport information

- 14.1. UN number** Not classified **14.2. UN proper shipping name** N/a
- 14.3. Transport hazard class(es)** N/a **14.4. Packing group** Na
- 14.5. Environmental hazards** Not classified as environmentally hazardous for transport
- 14.6. Special precautions for user** No specific precautions.
- 14.7. Transport in bulk according to Annex II of MARPOL 7 3/78 and the IBC Code** Not available for bulk transport.

SECTION 15: Regulatory information

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

Contents according to (EC) regulation No.648/2004 on detergents:

Nonionic surfactants	<5%
Cationic surfactants	<5%
Disinfectant	

15.2. Chemical safety assessment A chemical safety assessment has not been carried out.

SECTION 16: Other information

Hazard statements relating to ingredients (see section 3)

H315 Causes skin irritation. H318 Causes serious eye damage

H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects

H226 Flammable liquid and vapour. H290 May be corrosive to metals

H302 Harmful if swallowed

H314 Causes severe skin burns and eye damage

H336 May cause drowsiness or dizziness

H351 Suspected of causing cancer

H372 Causes damage to organs through prolonged or repeated exposure

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

H410 Very toxic to aquatic life with long lasting effects

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This product should be stored, handled and used in accordance with good industrial practice and in conformity with legal regulations. The information in this data sheet is based on the present state of our knowledge and is intended to describe products from the point of view of safety requirements and thus should not be construed as guaranteeing specific properties. It is for users to satisfy themselves of the suitability of this product for their own applications.

