

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

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3



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

### 1.1. Product Identifier

Product code: DS012  
Name: Biocleanse Ultra

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

Cleaning and disinfection for non-invasive medical device surfaces in dentistry by immersion or wiping (mechanical action).

### 1.3. Details of the supplier of the safety data sheet

Dentisan  
Unit 3,  
Andressey Way,  
Derby  
DE21 6YH  
Phone: 01332 268526  
Web: [www.dentisan.co.uk](http://www.dentisan.co.uk)  
Email: [info.dentisan@getinge.com](mailto:info.dentisan@getinge.com)

### 1.4. Emergency telephone number

Emergency Telephone Number: 01332 292402

## SECTION 2: Hazards identification (Undiluted product)

### 2.1. Classification of the substance or mixture

#### According to Regulation (EC) No 1272/2008

Health Hazards: Not Classified  
Physical Hazards: Not Classified  
Environmental Hazards: Aquatic Chronic 3

### 2.2. Label elements

#### According to Regulation (EC) No 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**

<b>Material</b>	<b>CAS number</b>	<b>Level</b>	<b>EC No (where available)</b>	<b>EU REACH reg. no. (where available)</b>	<b>Hazards (see section 16)</b>
Nonionic surfactant	1643-20-5	0-1%			Aquatic Acute 1, Aquatic Chronic 2, Eye Dam. 1, Skin Irrit. 2 H315, H318, H400, H411
Didecyltrimethyl ammonium chloride	7173-51-5	0-1%	230-525-2		Acute Tox. 4, Aquatic Acute 1, Flam. Liq. 3, Met. Corr. 1, Skin Corr. 1B, STOT SE 3 H226 H290 H302 H314 H336 H400
Polyhexamethylene biguanide	32289-58-0	0-1%			Acute Tox. 2, Acute Tox. 4, Aquatic Acute 1, Aquatic Chronic 1, Eye Dam. 1, Skin Sens. 1, STOT SE 3 H302 H318 H317 H330 H335 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: Firefighting measures**

Flammability hazard: Not combustible.

### **5.1. Extinguishing media**

No special requirements. As appropriate for the fire.

### **5.2. Special hazards arising from the substance or 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. Specific end use(s)**

Cleaning and disinfection for non-invasive medical device surfaces in dentistry by immersion or wiping (mechanical action).

## **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**

Physical State: Liquid Colour: Colourless

Odour: Virtually odourless

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

Initial boiling point: 100°C.

Auto-ignition temp: Not applicable.

Vapour pressure: 17.5mm Hg at 20°C.

Explosive properties: None.

Lower upper explosion limits: N/a

Oxidising properties: None.

Solubility: Miscible with water.

Relative density at 20° C (typical): 1.000

Relative vapour density: No data

Melting point/ freezing point: N/a

Flammability N/a

Flash point: None.

Viscosity: Free flowing.

### **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 hazard classes defined in Regulation (EC) No 1272/2008**

- 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: Does not contain any ingredients classified as carcinogenic.
- 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: Does not contain any ingredients 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.

### **11.2. Information on other hazards** No data.

## **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. Endocrine disrupting properties** No known endocrine disrupting properties.
- 12.7. 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. Maritime transport in bulk according to IMO instruments** 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

H335 May cause respiratory irritation

H330 Fatal if inhaled

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.

