

# PRODUCT DATA SHEET

Application details and Health and Safety Data

Product Code: DS010

## Biocleanse™

Ready to use solution for multi surface cleaning and disinfection.

A ready to use liquid detergent with a powerful bactericidal, fungicidal and virucidal disinfectant. Biocleanse™ is ideal for cleaning and disinfection of water resistant hard surfaces in dental practices. Biocleanse™ is effective against a wide range of micro-organisms including gram positive and gram negative bacteria, mycobacteria, fungi and viruses. For full efficacy data see [www.dentisan.co.uk/biocleanse.html](http://www.dentisan.co.uk/biocleanse.html)

This product conforms to the requirements for the Medical Device Directive 93/42/EEC.

### Directions for use

Use as supplied. For water resistant hard surface cleaning and disinfection, spray and wipe. For equipment, apply by spray, mop, soaking, or using ultrasonic agitation. Rinse cleaned surfaces with water. Avoid contact with sensitive surfaces such as aluminium and polycarbonate. Do not allow the cleaning solution to dry on as staining may result on sensitive surfaces.

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

- Alcohol free formulation
- Wide spectrum biocide
- Cleans and disinfects
- HTM 01-05 compliant

# CHIP 3 HEALTH AND SAFETY DATA SHEET

## Section 1 Identification of the substance/preparation and company

Product code DS010  
Name: Biocleanse™  
Intended use: Ready to use solution for multi surface cleaning and disinfection.  
Supplier: Dentisan  
Bateman Street  
Derby  
  
DE23 8JL  
Phone: 01332 268526 Fax: 01332 295941  
Emergency outside office hours tel: 01332 292402  
Web: www.dentisan.co.uk Email: info@dentisan.co.uk  
Date of issue: 03 March 2008 Issue number 1  
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## Section 2 Composition/information on ingredients

Material	CAS number	Level	Hazards (see section 16)
Alkaline sequestrant		0-1%	Xn R22 R36/38
Nonionic surfactant		0-1%	Xn R22 R41 R50
Benzalkonium chloride		0-1%	C R34 Xn R22 N R50

## Section 3 Hazards identification (Undiluted product)

CHIP classification: This product is not classified as hazardous under CHIP regulations

Eye hazard: Will cause discomfort.

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

Respiratory hazard: Not a hazard in normal use.

Flammability hazard: Not combustible.

Other hazards:

## Section 4 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 water and seek medical attention if irritation persists.

Inhalation: Not applicable.

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

## Section 5 Fire fighting measures

Not applicable.

## Section 6 Accidental release measures

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

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

## Section 7 Handling and storage

Store in a cool, dry place protected from frost and away from acids and strong oxidising agents. Store upright in original containers.

Directions for use: Use as supplied. For water resistant hard surface cleaning and disinfection, spray and wipe. For equipment, apply by spray, mop, soaking, or using ultrasonic agitation. Rinse cleaned surfaces with water. Avoid contact with sensitive surfaces such as aluminium and polycarbonate. Do not allow the cleaning solution to dry on as staining may result on sensitive surfaces. Please refer to product safety data sheet before use. Use only as directed.

Shelf life: 24 months in good conditions

## Section 8 Exposure controls/personal protection

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 to BS EN 166 1F 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: Not applicable.

Other protection:

Personal protective equipment:



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

Occupational exposure limit

## Section 9 Physical and chemical properties

Appearance: Clear Light Blue liquid

Odour: Mild.

pH: 7.0 1% in water (typical).

Boiling point: 100°C.

Melting point: Not applicable.

Flash point: Not applicable.

Auto-ignition temperature: Not applicable.

Explosive properties: None known.

Oxidising properties: None known.

Vapour pressure: 17.5mm Hg at 20°C.

Relative density at 20 C: 1.001

Solubility: Miscible with water.

Viscosity: Free flowing.

## Section 10 Stability and reactivity

Conditions to avoid: Extremes of temperature.

Materials to avoid: Incompatible with strong oxidising agents and acids.

Hazardous decomposition products: None known.

## Section 11 Toxicological information

Eye contact: Will cause discomfort.

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

Inhalation: Not a hazard in normal use.

Ingestion: Low toxicity.

Long term: Based on current knowledge, no long term effects are anticipated if used correctly.

## Section 12 Ecological information

Water based product. All organic ingredients are biodegradable when well diluted.

Volatile organic content: 0 % w/w 0 g/l

## Section 13 Disposal considerations

Small quantities of product can be diluted to 1% with water and processed in a biological treatment plant.

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

Transport Classification: Not classified

UN number not classified Transport class Packing group:

## Section 15 Regulatory information

CHIP Classification This product is not classified as hazardous under CHIP regulations

Product risk and safety phrases

S24/25 Avoid contact with skin and eyes.

S2 Keep out of reach of children.

Relevant UK law: Chemicals (hazard information and packaging) Regulations (CHIP). Control of substances hazardous to health regulations (COSHH, COSHH essentials). For guidance see [www.hse.gov.uk](http://www.hse.gov.uk), [www.dti.gov.uk/chemicals](http://www.dti.gov.uk/chemicals).

## Section 16 Other information

R phrases relating to ingredients (see section 2)

R22 Harmful if swallowed.

R36/38 Irritating to eyes and skin.

R41 Risk of serious damage to eyes.

R50 Very toxic to aquatic organisms.

R34 Causes burns.

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.