

# DCA PRODUCT CODE D51395

## SPECIFICATION & SAFETY DATA SHEET

**Description:** Liquid disinfecting and cleaning agent for cleaning of all DCA cream machines

**Product strengths:**

- Excellent cleaning and disinfecting properties
- Machine manufacturer approved product
- Fully supported under the Biocidal Products Directive

**Properties:**

- **Concentrate Appearance:** Clear to Straw coloured liquid with chemical odour
- **Storage stability:** 0 - 45 °C
- **Solubility:** at 20 °C miscible with water in any proportion
- **Density:** 1.09 - 1.11 g/cm<sup>3</sup>
- **Flash point:** not applicable
- **pH:** 7.5 -8.0(1 %, 20 °C, deionised water)
- **Foam characteristics:** foaming

**Material compatibility:** Under the application conditions described below, compatible with

- **Metals** Stainless steels, aluminium, other non-ferrous metals
- **Plastics** PE, PP, rigid PVC, PTFE, PVDF

**Microbiology** Bactericidal effect of **DCA disinfectant cleaner:**

1. Tested according to EN1276, when it is diluted at 2% in hard water, possesses bactericidal activity in 5 minutes at 20°C, under dirty conditions (3g/l of bovine albumin) for the reference strains: *Pseudomonas aeruginosa*, *Escherichiacoli*, *Staphylococcus aureus* and *Enterococcus hirae*.
2. Tested according to EN1276, on a machine in use over 30days it is diluted at 2% in  
Hard water possesses bactericidal activity in 30 minutes at 10°C, under dirty conditions (3g/l of bovine albumin) for the reference strains: *Pseudomonas aeruginosa*, *Escherichia coli*, *Staphylococcus aureus* and *Enterococcus hirae*.

**Application.** Product is designed for the cleaning of all DCA cream machines and surrounding surfaces.

**DCA cream machines;** Follow machine manufacturers recommended cleaning instructions. Use hand-hot water (50°C).

**General Areas;** Use at 2% dilution with warm or cold water Contact time: Under 30 seconds.

# SAFETY DATA SHEET / COSHH

## 1. Identification of the substance/preparation and the company undertaking

1.1 Product Name: DCA sanitiser for cream whipping machines.  
(Product Code: D51395)

1.2 Company Bioguard Ltd  
108 Bunting Road  
Kingsthorpe  
Northampton  
NN2 6EE

Tel: 01604 710333  
Fax: 01604 791587  
E-mail: info@bioguardhygiene.com

## 2. Composition/information on ingredients

No hazardous ingredients are present at a level of 1% or more.

## 3. Hazards identification

Not classified as hazardous under the CHIP 3 Regulations.

## 4. First aid measures

Inhalation: Remove to fresh air.  
Eye Contact: Rinse immediately with plenty of water for at least 15 minutes, If soreness persists, seek immediate medical attention.  
Skin Contact: Rinse the affected area thoroughly with water.  
Ingestion: Do not induce vomiting. Remove product from mouth, Give 1-2 glasses of milk/water to drink. Obtain medical attention if a considerable amount has been swallowed.

## 5. Fire-fighting measures

Not flammable.  
Compatible with water, foam, carbon dioxide and dry powder extinguishers.

## 6. Accidental release measures

Wear suitable gloves and protective clothing. Ensure the area is well ventilated. Hose away with copious amounts of water and run to foul sewer. If this would contaminate a water course or vegetation, absorb spillage with sand or earth.  
Observe all local requirements.

## 7. Handling and storage

7.1 Handling: Do not mix with other chemicals.

7.2: Storage: Store upright in original closed containers at room temperatures not exceeding 20°C. Keep containers tightly closed. Keep out of the reach of children. Do not expose to direct sunlight.

## 8. Exposure controls/personal protection

Eyes: Wearing of safety glasses is recommended.  
Hand Protection: Wear solvent resistant gloves.  
Inhalation: Use in a well ventilated area. Avoid breathing vapours.

**9. Physical and chemical properties**

Appearance: Clear Pale yellow liquid  
Odour: Slight Chemical Odour  
pH: 9.0 - 9.5  
Boiling point: > 100°C  
Flash point: N/A  
Flammability (solid/gas): N/A  
Relative Density: N/A  
Solubility: 100% soluble in water.

**10. Stability and reactivity**

Stable, do not mix with other chemicals.

**11. Toxicological information**

Eyes: Splashes to the eyes may cause irritation.  
Skin: Irritation may occur on prolonged contact with the skin.  
Ingestion: May cause gastric irritation.

**12. Ecological information**

All surfactants are > 80% biodegradable in line with EU Directives 73/404/EEC and 73/405/EEC as amended.

**13. Disposal considerations**

Small spillages can be disposed of into the drainage system. Large spillages should be absorbed with sand or earth and disposed of via a licensed waste disposal contractor. Observe all local requirements.

**14. Transport information**

Not classified hazardous for transport by air, road or sea.

**15. Regulatory Information**

Not classified as hazardous under the CHIP 3 Regulations.

Hazard symbol: None.

Risk phrases: None.

Safety phrases: None.

**16. Other information**

The above information is based on the present state of our knowledge at the time of publication. It is given in good faith and no warranty is implied with respect to the quality specification of the product. The user must satisfy himself that the product is entirely suitable for his purpose.