

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

### 1.1 Product identifier

**Product name:** Bactogard

**Other identification:**

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

Fragrant hygiene cleaner and sanitiser

### 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

Physical hazards: Not Classified

Health hazards: Skin Irrit. 2 - H315, Eye Dam. 1 - H318

Environmental hazards: Aquatic Acute 1 - H400, Aquatic Chronic 2 - H411

### 2.2 Label elements

**Hazard pictograms:**

CLP 05 Corrosive

CLP 09 Environment

(none)

(none)



**Signal word:**

Danger

**Hazard statements:**

H315 Causes skin irritation.

H318 Causes serious eye damage.

H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

EUH208 Contains 4-Tertiary-Butylcyclohexyl Acetate. May produce an allergic reaction.

**Precautionary statements:** P102 Keep out of reach of children.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P301 IF SWALLOWED:

P313 Get medical advice/ attention.

P302+P352 IF ON SKIN: Wash with plenty of water.

P332+P313 If skin irritation occurs: Get medical advice/ attention.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P315 Get immediate medical advice/ attention.

P501 Dispose of contents/ container in accordance with local regulations.

**Other label elements:**

Contains: Alkyl (C12-16) dimethyl benzyl ammonium chloride, Alcohol (C9-11) ethoxylate (8EO)

### 2.3 Other hazards

This product does not contain any substances classified as PBT or vPvB.

## Section 3: Composition / information on ingredients

### 3.1 Substances

### 3.2 Mixtures

ALKYL (C12-16) DIMETHYL BENZYL AMMONIUM CHLORIDE

1-3%

CAS number: 68424-85-1, EC number: 270-325-2  
M factor (Acute) = 10, M factor (Chronic) = 1  
Acute Tox. 4 - H302  
Skin Corr. 1B - H314  
Eye Dam. 1 - H318  
Aquatic Acute 1 - H400  
Aquatic Chronic 1 - H410

ALCOHOL (C9-11) ETHOXYLATE (8EO)

1-3%

CAS number: 68439-45-2, Alternative CAS No 13598-36-2

Acute Tox. 4 - H302

Eye Dam. 1 - H318

4-Tertiary-Butylcyclohexyl Acetate

0.1-1%

CAS number: 32210-23-4, EC number: 250-954-9

Skin Sens. 1B - H317

The full text for all hazard statements is displayed in section 16.

## Section 4: First aid measures

### 4.1 Description of first aid measures

#### **General:**

**Inhalation:** Unlikely route of exposure as the product does not contain volatile substances. If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

**Ingestion:** Do not induce vomiting. Give plenty of water to drink. Get medical attention if any discomfort continues.

**Skin:** Wash with plenty of water.

**Eye:** Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Get medical attention immediately. Continue to rinse.

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

**General:** The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

**Inhalation:** Irritation of nose, throat and airway.

**Ingestion:** May cause discomfort if swallowed.

**Skin:** Causes skin irritation. Prolonged and frequent contact may cause redness and irritation.

**Eye:** Severe irritation, burning and tearing. Prolonged contact causes serious eye and tissue damage.

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

Treat symptomatically.

## Section 5: Firefighting measures

### 5.1 Extinguishing media

The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

### 5.2 Special hazards arising from the substance or mixture

Thermal decomposition or combustion products may include the following substances: Irritating gases or vapours.

### 5.3 Advice for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## Section 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Wear protective clothing, gloves, eye and face protection. For personal protection, see Section 8.

### 6.2 Environmental precautions

Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

### **6.3 Methods and material for containment and cleaning up**

Small Spillages: Flush away spillage with plenty of water. Large Spillages: Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely.

### **6.4 Reference to other sections**

For personal protection, see Section 8.

## **Section 7: Handling and storage**

### **7.1 Precautions for safe handling**

For handling undiluted product: Wear protective clothing, gloves, eye and face protection.

### **7.2 Conditions for safe storage, including any incompatibilities**

Keep only in the original container in a cool, well-ventilated place. Store away from the following materials: Oxidising materials.

### **7.3 Specific end use(s)**

The identified uses for this product are detailed in Section 1.2. See Product Information Sheet & Label for detailed use of this product.

## **Section 8: Exposure controls / personal protection**

### **8.1 Control parameters**

No exposure limits known for ingredients.

### **8.2 Exposure controls**

Appropriate engineering controls: Not relevant.

Eye/face protection: Wear eye protection.

Hand protection: Wear protective gloves. (Household rubber gloves.)

Other skin and body protection: Wear appropriate clothing to prevent any possibility of skin contact.

Respiratory protection: Respiratory protection not required.

## **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.*

Appearance	Viscous liquid
Colour	Green
Odour	Floral
pH (concentrated solution)	7.5
Melting point	0°C
Initial boiling point and range	100°C @ 760 mm Hg
Flash point	Boils without flashing
Relative density	1.010 @ 20°C
Solubility	Soluble in water

### **9.2 Other information**

No further information available.

## **Section 10: Stability and reactivity**

### **10.1 Reactivity**

There are no known reactivity hazards associated with this product.

### **10.2 Chemical stability**

No particular stability concerns.

### **10.3 Possibility of hazardous reactions**

See sections 10.1, 10.4 & 10.5.

### **10.4 Conditions to avoid**

There are no known conditions that are likely to result in a hazardous situation.

### **10.5 Incompatible materials**

No specific material or group of materials is likely to react with the product to produce a hazardous situation.

## **10.6 Hazardous decomposition products**

No known hazardous decomposition products.

## **Section 11: Toxicological information**

### **11.1 Information on toxicological effects**

Toxicological effects: We have not carried out any animal testing for this product. Any ATE figures quoted below are from Toxicity Classifications that have been carried out using ATE (Acute Toxicity Estimate) Calculation Method using LD50 or ATE figures provided by the Raw Material Manufacturer.

Other health effects: Low oral toxicity, but ingestion may cause irritation of the gastro-intestinal tract.

Acute toxicity - oral

Notes (oral LD50): Based on available data the classification criteria are not met.

ATE oral (mg/kg): 10,790.49

## **Section 12: Ecological information**

### **12.1 Toxicity**

Ecotoxicity: Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.

Toxicity: We have not carried out any Aquatic testing, therefore we have no Aquatic Toxicity Data specifically for this product. The Aquatic Toxicity Data, where provided by the raw material manufacturer for ingredients with aquatic toxicity, can be made available on request.

### **12.2 Persistence and degradability**

The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

### **12.3 Bioaccumulative potential**

The product does not contain any substances expected to be bioaccumulating.

### **12.4 Mobility in soil**

Not known.

### **12.5 Results of PBT and vPvB assessment**

This product does not contain any substances classified as PBT or vPvB.

### **12.6 Other adverse effects**

Not known.

## **Section 13: Disposal considerations**

### **13.1 Waste treatment methods**

Discharge used solutions to drain. Small amounts (less than 5 Litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal by approved waste contractor. Rinse out empty container with water and consign to normal waste.

## **Section 14: Transport information**

### **General**

Not classified for Transport.

### **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**

EU legislation:

Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 2015/830 (which amends Regulation (EC) No 453/2010 & 1907/2006).

The product is as classified under GHS/CLP- Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.

Ingredients are listed with classification under GHS/CLP - Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.

### **15.2 Chemical safety assessment**

No chemical safety assessment has been carried out as not applicable as this product is a mixture.

## **Section 16: Other information**

Abbreviations and acronyms used in the safety data sheet:

PBT: Persistent, Bioaccumulative and Toxic substance.

vPvB: Very Persistent and Very Bioaccumulative.

ATE: Acute Toxicity Estimate.

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.

GHS: Globally Harmonized System.

Classification abbreviations and acronyms:

Acute Tox. = Acute toxicity

Aquatic Acute = Hazardous to the aquatic environment (acute)

Aquatic Chronic = Hazardous to the aquatic environment (chronic)

Eye Dam. = Serious eye damage

Skin Corr. = Skin corrosion

Skin Irrit. = Skin irritation

Skin Sens. = Skin sensitisation

Key literature references and sources for data:

Material Safety Data Sheet, Miscellaneous manufacturers. CLP Class - Table 3.1 List of harmonised classification and labeling of hazardous substances. ECHA - C&L Inventory database.

Classification procedures according to Regulation (EC) 1272/2008:

Calculation Method.

Revision comments:

Addition of Environmental Statement(s) due to change in M-Factor of a Raw Material. Safety Data Sheet amended in accordance with REACH Commission Regulation (EU) No 2015/830 amendment. (Changes to Sections 2, 3, 15 & 16)

SDS status:

The Hazard Statements listed below in this Section No 16 relate to the Raw Materials (Ingredients) in the Product (as listed in Section 3) and NOT the product itself. For the Hazard Statements relating to this Product see Section 2.

Hazard statements in full:

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

EUH208 Contains 4-Tertiary-Butylcyclohexyl Acetate. May produce an allergic reaction.

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.