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## SAFETY DATA SHEET

This Safety Data Sheet is provided in compliance with the EC Regulation 1907/2006-2015/830

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

#### 1.1 Product identifier

- Product Name: Alcohol Free Hand Sanitiser
- Product Part Number: AFHS

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

- Use of the substance/mixture: To reduce bacteria on the skin

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

- Name of Supplier: Bristol Soap Ltd
- Address of Supplier: Unit 8, Atworth Business Park  
Atworth  
Wilts  
SN12 8SB
- Telephone: +44 (0) 1225 702073
- Responsible Person: Mr K. Stevens
- Email: Bristolsoaps@gmail.com

#### 1.4 Emergency telephone number

- Emergency Telephone: +44 7974 211070

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

- CLP: Eye Irrit. 2

#### 2.2 Label elements



- Signal Word: Warning
- UFI: Not applicable
- Hazard statements  
Causes serious eye irritation.
- Precautionary statements  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.

#### 2.3 Other hazards

- Unlikely to occur when used as directed.

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## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Chemical Name	CAS Number	EC Number	Concentration	Categories	Symbols	H Statements
Didecyltrimethylammonium Chloride	7173-51-5	230-525-2	< 1%	Acute Tox. 4, Skin Corr. 1B, Eye Dam. 1, STOT SE 3, Aquatic Acute 1, Aquatic Chronic 2	GHS05 GHS07 GHS09	H302 H314 H318 H400

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

- Contact with eyes  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.
- Contact with skin  
If skin irritation occurs:  
Wash with plenty of soap and water.
- Ingestion  
Never give anything by mouth to an unconscious person  
Never make an unconscious person vomit or drink fluids  
Give plenty of water to drink  
If you feel unwell, seek medical advice (show the label where possible)
- Inhalation  
If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.  
Get medical advice/attention if you feel unwell.

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

- No hazard expected under normal conditions of use

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

- Get medical advice/attention if you feel unwell.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

- In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide

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

- Decomposition products may include nitrogen and carbon oxides
- Smoke from fires is irritating. Take precautions to protect personnel from exposure

### 5.3 Advice for firefighters

- May give off noxious and toxic fumes in a fire
- Substance evolves toxic fumes, wear self-contained breathing apparatus
- Prevent run off water from entering drains if possible
- Decomposition products may include nitrogen and carbon oxides

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**SECTION 6: Accidental release measures****Spillage causes slippery surface****6.1 Personal precautions, protective equipment and emergency procedures**

- Use personal protective equipment as required.
- Evacuate the area

**6.2 Environmental precautions**

- Avoid release to the environment.
- Do not allow to enter public sewers and watercourses
- Use appropriate containment to avoid environmental contamination

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

- Absorb spillage in inert material and shovel up
- Dyke to prevent entry to sewer or waterway. Transfer liquid to a holding container
- See Section 13

**6.4 Reference to other sections**

- See Section 8
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**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

- Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.
- Store in a dry place. Store in a closed container.
- Forms hazardous decomposition products

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

- Forms hazardous decomposition products
- Avoid contact with acids and alkalis

**7.3 Specific end use(s)**

- To reduce bacteria on the skin
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**SECTION 8: Exposure controls/personal protection****8.1 Control parameters**

- There are no recommended or established controls for this product

**8.2 Exposure controls**

- Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.
  - Wear suitable protective clothing, eye/face protection
  - Not required when used as directed.
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**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

- Appearance: Liquid
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**SECTION 9: Physical and chemical properties (....)**

- Odour: Perceptible odour
- pH: 7 - 8
- Flashpoint: Not available
- Boiling point - not known
- Solubility in water: Miscible with water

**9.2 Other information**

- No information available

**SECTION 10: Stability and reactivity****10.1 Reactivity**

- No hazardous reactions known if used for its intended purpose

**10.2 Chemical stability**

- Considered stable under normal conditions

**10.3 Possibility of hazardous reactions**

- Forms hazardous decomposition products
- No hazardous reactions known if used for its intended purpose

**10.4 Conditions to avoid**

- Avoid contact with acids and alkalis
- Avoid contact with oxidising substances

**10.5 Incompatible materials**

- Avoid contact with acids and alkalis
- Avoid contact with oxidising substances

**10.6 Hazardous decomposition products**

- Decomposition products may include nitrogen and carbon oxides
- Decomposition products may include toxic and irritant fumes

**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Substances**

Chemical Name	LD <sub>50</sub> (oral, rat)	LD <sub>50</sub> (dermal)
Didecyldimethylammonium Chloride	329 mg/kg	> 1000 mg/kg

- Can cause damage to the eyes
- Harmful if swallowed
- May cause respiratory tract irritation.
- No evidence of carcinogenic effects
- No evidence of mutagenic effects

**11.2 Carcinogenicity**

- No evidence of carcinogenic effects

**11.3 Germ cell mutagenicity**

- No evidence of mutagenic effects

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**SECTION 12: Ecological information****12.1 Toxicity****Substances**

Chemical Name	LC <sub>50</sub> (fish)	EC <sub>50</sub> (daphnia)	IC <sub>50</sub> (algae)
Didecyldimethylammonium Chloride	0.49 mg/l (96 hr)	0.03 mg/l (48 hr)	0.062 mg/l (72 hr)

**12.2 Persistence and degradability**

- Didecyldimethylammonium Chloride  
Readily biodegradable

**12.3 Bioaccumulative potential**

- No information available

**12.4 Mobility in soil**

- miscible with water

**12.5 Results of PBT and vPvB assessment**

- Not a PBT according to REACH Annex XIII

**12.6 Other adverse effects**

- Avoid release to the environment.
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**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

- Disposal should be in accordance with local, state or national legislation
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**SECTION 14: Transport information****Not classified as hazardous for transport****14.1 UN number or ID number**

- UN No.: Not applicable

**14.2 UN proper shipping name**

- Proper Shipping Name: Not applicable

**14.3 Transport hazard class(es)**

- Hazard Class: Not applicable

**14.4 Packing group**

- Packing Group: Not applicable

**14.5 Environmental hazards**

- Not classified as hazardous for marine transport

**14.6 Special precautions for user**

- No special precautions are required for this product
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## **SECTION 14: Transport information ( ... )**

### **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

- Not applicable

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## **SECTION 15: Regulatory information**

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

### **15.2 Chemical safety assessment**

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## **SECTION 16: Other information**

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage. H318: Causes serious eye damage. H400: Very toxic to aquatic life.

**This Safety Data Sheet does not constitute a workplace risk assessment**

### **EH40/2005 Occupational Exposure limits (UK)**

### **Raw Material Data Sheets**

### **Disclaimer:**

- The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties

--- end of safety datasheet ---

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