

# modu hygiene



HS23.50.81

## ANTIBAC LOTION SOAP CARTRIDGE

- › A non-perfumed, non-tainting hand soap ideal for general food prep and medical environments
- › Complies with BSEN 1276 killing 99.9% germs in 30 seconds. Complies with BSEN13727 - quantitative test for products used in the medical area killing 99.9% germs in 30 seconds.
- › Avoid prolonged contact with stainless steel. Does not contain Triclosan.
- › Complies with EU Cosmetic Products Regulation (EC) No 1223/2009.
- › 1000 uses per cartridge : 1ml Dosage
- › 6 x 1 ltr cartridges
- › For the Dolphin BC234PRO Dispenser
- › Manufactured and filled in the UK

### SOAP CARTRIDGES

- › **HS21.50.70** Eco Foam
- › **HS21.50.71** Luxury Foam Soap
- › **HS21.50.72** AntiBac Foam Soap
- › **HS21.50.73** Alcohol Free Foam Sanitiser
- › **HS21.50.79** Lime Hand Cleaner
- › **HS23.50.80** Pearllised Lotion Soap
- › **HS23.50.81** AntiBac Lotion Soap
- › **HS23.50.90** 70% Alcohol Sanitiser
- › **HS28.50.83** Citrus Hand Cleaner (Heavy Duty)
- › **HS22.50.94** Before/After Conditioning Cream
- › **HS23.50.91** 70% AlcoGel Sanitiser
- › **HS23.50.86** Unperfumed Soap (Eco)
- › **HS23.50.84** Hair & Body Shampoo

# SAFETY DATA SHEET

## ANTIBAC LOTION SOAP

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name ANTIBAC LOTION  
Internal identification HS23.50.81  
Container size: 1000ml

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

Identified uses Cleaning agent.

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

Dolphin Solutions Ltd, Southpoint, Compass Park, Junction Road, Bodiam, TN32 5BS

#### 1.4. Emergency telephone number

Technical Advice : 8.30am to 4.45pm – 01424 202224 - Mon to Fri e-mail [info@dolphinsolutions.co.uk](mailto:info@dolphinsolutions.co.uk)

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

Classification (EC 1272/2008)  
Physical hazards Not Classified  
Health hazards Not Classified  
Environmental hazards Not Classified

#### 2.2. Label elements

Precautionary statements P102 Keep out of reach of children.  
Dispose of contents / containers as normal waste

#### 2.3. Other hazards

Other Hazards None

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2. Mixtures

##### LAURYL BETAINE I-5%

CAS number: 66455-29-6 EC number: 266-368-1  
Classification (67/548/EEC or 1999/45/EC)  
Skin Irrit. 2 - H315 Xi;R38,R41.  
Eye Dam. 1 - H318

### **DIDECYL DIMETHYLAMMONIUM CHLORIDE <1%**

CAS number: 7173-51-5      EC number: 230-525-2

M factor (Acute) = 10

**Classification**                      **Classification (67/548/EEC or 1999/45/EC)**

Met. Corr. 1 - H290

C;R34 Xn;R22

Acute Tox. 4 - H302

Skin Corr. 1B - H314

Eye Dam. 1 - H318

Aquatic Acute 1 - H400

### **CITRIC ACID <1%**

CAS number: 77-92-9

EC number: 201-069-1

REACH registration number:

01211945702642XXXX

**Classification**                      **Classification (67/548/EEC or 1999/45/EC)**

Skin Irrit. 2 - H315

Xi;R36/37/38.

Eye Irrit. 2 - H319

STOT SE 3 - H335

### **BENZALKONIUM CHLORIDE <1%**

CAS number: 68424-85-1

M factor (Acute) = 10

M factor (Chronic) = 1

**Classification**                      **Classification (67/548/EEC or 1999/45/EC)**

Met. Corr. 1 - H290

Xn;R21/22. C;R34. N;R50.

Acute Tox. 4 - H312

Skin Corr. 1B - H314

Eye Dam. 1 - H318

Aquatic Acute 1 - H400

Aquatic Chronic 1 - H410

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## **SECTION 4: FIRST AID MEASURES**

### **4.1. Description of first aid measures**

Ingestion

Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.

Eye contact

Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes.

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

Ingestion

May cause discomfort if swallowed.

Skin contact

May be slightly irritating to skin.

Eye contact

May cause eye irritation.

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

Specific treatments

Seek medical attention if irritation or symptoms persist. Symptomatic treatment

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

Suitable 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

Specific hazards Burning may produce irritating, toxic and obnoxious fumes.  
Oxides of Carbon, Nitrogen and Sulphur.

### 5.3. Advice for firefighters

Special protective equipment 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

Personal precautions For personal protection, see Section 8.

### 6.2. Environmental precautions

Environmental precautions Avoid or minimise the creation of any environmental contamination.

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

Methods for cleaning up Flush away spillage with plenty of water.

### 6.4. Reference to other sections

Reference to other sections See section 3,8 & 13 for further information

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Usage precautions Avoid contact with eyes. Avoid spilling.

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

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep only in the original container.

### 7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SHELF LIFE OF DILUTION 12 MONTHS

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Occupational exposure limits

CITRIC ACID

Long-term exposure limit (8-hour TWA): 4 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): 10 mg/m<sup>3</sup>

CITRIC ACID (CAS: 77-92-9)

Ingredient comments WEL = Workplace Exposure Limits

### 8.2. Exposure controls

Protective equipment

Eye/face protection Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection To protect hands from chemicals, gloves should comply with European Standard EN374.

Hygiene measures Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Appearance Liquid.

pH 6-8

Initial boiling point and range 100@°C @ 760 mm Hg

Relative density @ 20°C

### 9.2. Other information

Volatile organic compound This product contains a maximum VOC content of NIL.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

Reactivity No test data specifically related to reactivity available for this product or its ingredients.

### 10.2. Chemical stability

Stability Stable at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None known.

### 10.4. Conditions to avoid

Conditions to avoid Avoid excessive heat for prolonged periods of time.

### 10.5. Incompatible materials

Materials to avoid None known.

### 10.6. Hazardous decomposition products

Hazardous decomposition products

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Ingestion	May cause discomfort if swallowed.
Skin contact	Skin irritation should not occur when used as recommended.
Eye contact	Vapour or spray in the eyes may cause irritation and smarting.

## SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity	Not regarded as dangerous for the environment.
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### 12.1. Toxicity

Toxicity	The product is not believed to present a hazard due to its physical nature.
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### 12.2. Persistence and degradability

Persistence and degradability	The product is biodegradable.
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### 12.3. Bioaccumulative potential

Bioaccumulative potential	Not available.
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### 12.4. Mobility in soil

Mobility	The product is soluble in water.
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### 12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.
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### 12.6. Other adverse effects

Other adverse effects	None known.
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## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Disposal methods	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
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## SECTION 14: TRANSPORT INFORMATION

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant  
No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code  
Not applicable.

## SECTION 15: REGULATORY INFORMATION

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

National regulations	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
Guidance	Workplace Exposure Limits EH40. CHIP for everyone HSG228. Approved Classification and Labelling Guide (Sixth edition) L131. Safety Data Sheets for Substances and Preparations

### 15.2. Chemical safety assessment

A chemical safety assessment has been carried out.

## SECTION 16: OTHER INFORMATION

Revision date	11/05/2017
Revision	5
Supersedes date	26/01/2016
Risk phrases in full	Not classified. R21/22 Harmful in contact with skin and if swallowed. R22 Harmful if swallowed. R34 Causes burns. R36/37/38 Irritating to eyes, respiratory system and skin. R38 Irritating to skin. R41 Risk of serious damage to eyes. R50 Very toxic to aquatic organisms. Hazard statements in full H290 May be corrosive to metals. H302 Harmful if swallowed. H312 Harmful in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.



Code: HS23.50.81

## Antibac Lotion Soap

EN 1276 & EN13727, Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of Antibacterial activity of chemical disinfectants and antiseptics used in Medical, food, industrial, domestic and institutional areas – Test method and requirements (phase 2, step 1)

Laboratory Test Results: Certified to EN1276 & EN13727

Microorganism	Classification	Test Method	Tested by	Test Temperature	Contact time	Conditions	Dilution	Kill Rate %	Result
<i>Escherichia coli (E.coli)</i> NCTC 10418	Bacteria	BS EN 1276	External UKAS	20°C	30 seconds	Dirty	Neat (80%)	99.9	PASS
<i>Staphylococcus aureus</i> NCTC 10788	Bacteria (food poisoning & skin infections)	BS EN 1276	External UKAS	20°C	30 seconds	Dirty	Neat (80%)	99.9	PASS
<i>Enterococcus hirae</i> NCTC 13383	Bacteria (Common food poisoning bacteria)	BS EN 1276	External UKAS	20°C	30 seconds	Dirty	Neat (80%)	99.9	PASS
<i>Pseudomonas aeruginosa</i> NCTC 13359	Bacteria	BS EN 1276	External UKAS	20°C	30 seconds	Dirty	Neat (80%)	99.9	PASS
<i>Methicillin-resistant (MRSA) Staphylococcus aureus</i> NCTC 12493	Bacteria	BS EN 1276	External UKAS	20°C	30 seconds	Dirty	Neat (80%)	99.9	PASS
<i>Salmonella Typhimurium</i> NCTC 74	Bacteria	BS EN 1276	External UKAS	20°C	30 seconds	Dirty	Neat (80%)	99.9	PASS
<i>Listeria Monocytogenes</i> NCTC 11994	Bacteria	BS EN 13727	External UKAS	20°C	30 seconds	Dirty	Neat (80%)	97	PASS

This product has been tested and certified in UKAS accredited laboratories to British and European standards wherever applicable. Each production batch has been manufactured and quality control tested in an ISO 9001 & 14001 certified facility.