

modu hygiene



HS21.50.72

ANTIBAC FOAM SOAP CARTRIDGE

- > An unperfumed foam hand cleaner, ideal for use where high standards of hygiene are required
- > Complies with BSEN 13727 - Suitable for use in food prep./catering areas, bars and hospital wards
- > 1,250+ uses per cartridge: 0.8ml Dosage
- > 6 x 1 ltr cartridges
- > For the 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** Pearlised 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

HS21.50.72 - ANTIBACTERIAL FOAM HAND CLEANER

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

1.1. Product identifier

Product name: HS21.50.72 - ANTIBACTERIAL FOAM HAND
CLEANER Product code: HS21.50.72

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

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (1999/45/EEC) Not classified.

2.2. Label elements

Risk Phrases

Safety Phrases	P102	Not classified.
	S2	Keep out of the reach of children.
	S46	If swallowed, seek medical advice immediately and show this container or label.
	P13	Safety data sheet available for professional user on request.

2.3. Other hazards

None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

LAURYL BETAINE CAS-No.: 66455-29-6	EC No.: 266-368-1	1-5%
Classification (EC 1272/2008)		
Skin Irrit. 2 - H315		
Eye Dam. 1 - H318	Classification (67/548/EEC or 1999/45/EC) Xi;R38,R41.	

DIDECYL DIMETHYLAMMONIUM CHLORIDE CAS-No.: 7173-51-5 EC No.: 230-525-2 <1%

M factor (Acute) = 10

Classification (EC 1272/2008)

Met. Corr. 1 - H290

Acute Tox. 4 - H302

Skin Corr. 1B - H314

Eye Dam. 1 - H318

Aquatic Acute 1 - H400 Classification (67/548/EEC or 1999/45/EC) C;R34 Xn;R22

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

The ingredients are present in non-hazardous concentrations.

CITRIC ACID CAS-No.: 77-92-9 EC No.: 201-069-1 <1%

REACH registration number:

01211945702642XXXX

Classification (EC 1272/2008)

Skin Irrit. 2 - H315

Eye Irrit. 2 - H319

STOT SE 3 - H335 Classification (67/548/EEC or 1999/45/EC) Xi;R36/37/38.

BENZALKONIUM CHLORIDE CAS-No.: 68424-85-1 <1%

M factor (Acute) = 10 M factor (Chronic) = 1

Classification (EC 1272/2008)

Met. Corr. 1 - H290

Acute Tox. 4 - H312

Skin Corr. 1B - H314

Eye Dam. 1 - H318

Aquatic Acute 1 - H400

Aquatic Chronic 1 - H410 Classification (67/548/EEC or 1999/45/EC) Xn;R21/22. C;R34. N;R50.

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.

Skin contact Rinse with water.

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

Seek medical attention if irritation or symptoms persist. Symptomatic treatment

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

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

Protective equipment for fire-fighters

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

No special protective clothing. (See Sec 8)

6.2. Environmental precautions

Avoid or minimise the creation of any environmental contamination.

6.3. Methods and material for containment and cleaning up

Flush away spillage with plenty of water.

6.4. Reference to other sections

See section 3,8 & 13 for further information

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid contact with eyes. Avoid spilling.

7.2. Conditions for safe storage, including any incompatibilities

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)

The identified uses for this product are detailed in Section 1.2.

SHELF LIFE OF DILUTION

12 MONTHS

Usage Description

See Product Information Sheet & Label for detailed use of this product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Ingredient Comments

CITRIC ACID

Long-term exposure limit (8-hour TWA): 4 mg/m³

Short-term exposure limit (15-minute): 10 mg/m³

8.2. Exposure controls

CITRIC ACID (CAS: 77-92-9)

Ingredient comments

WEL = Workplace Exposure Limits

Respiratory equipment

Respiratory protection not required.

Hand protection

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

Eye protection

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

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
Colour	-
Odour	-
Solubility	-
Initial boiling point and boiling	100@°C @ 760 mm Hg
Melting point (°C)	-
Relative density	@ @ 20C°C
pH-Value, Conc. Solution	6-8
Flash point	-

9.2. Other information

Volatile organic compound

This product contains a maximum VOC content of NIL

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

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

10.2. Chemical stability

Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

Fire creates: Carbon monoxide (CO), Carbon dioxide (CO₂).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information

Ingestion

May cause discomfort if swallowed.

Skin contact

Skin irritation should not occur when used as recommended.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Not regarded as dangerous for the environment.

12.1. Toxicity

The product is not believed to present a hazard due to its physical nature.

12.2. Persistence and degradability

Degradability

The product is biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential

Not available.

12.4. Mobility in soil

Mobility:

The product is soluble in water.

12.5. Results of PBT and vPvB assessment

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

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: TRANSPORT INFORMATION

General Not classified for Transport.

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

SECTION 15: REGULATORY INFORMATION

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

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

Guidance Notes

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

Information Sources

Material Safety Data Sheet, Misc. manufacturers. CLP Class - Table 3.1 List of harmonised classification and labelling of hazardous substances. CHIP Class - Table 3.2 The list of harmonised classification and labelling of hazardous substances from Annex I to Directive 67/548/EEC.

Revision Comments

New Format Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 453/2010 (which amends Regulation (EC) No 1907/2006). - No change in Product Classification - Main change is the move of Labelling elements from Section 15 to Section 2 & Section 3 now has a different layout for the Ingredients and lists their classification in both CHIP & CLP format.

Revision Date 11/05/2017

Revision 5

Safety Data Sheet Status R12

(Ingredients) in the Product (as listed in Section 3) and NOT the product itself. For the Risk Phrases / Hazard Statements relating to this Product see Section 2.

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

Not classified.

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.

Code: HS21.50.72**Antibac Foam 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>Escherichia coli (K12)</i> NCIMB 10083		BS EN 13727	External UKAS	20°C	30 seconds	Dirty	Neat (80%)	lg R ≥ 5	
<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
		BS EN 13727	External UKAS	20°C	30 seconds	Dirty	Neat (80%)	lg R ≥ 5	
<i>Enterococcus hirae</i> NCIMB 8192	Bacteria (Common food poisoning bacteria)	BS EN 1276	External UKAS	20°C	30 seconds	Dirty	Neat (80%)	99.9	PASS
		BS EN 13727	External UKAS	20°C	30 seconds	Dirty	Neat (80%)	lg R ≥ 5	
<i>Pseudomonas aeruginosa</i> ATCC 15442	Bacteria (Skin infections)	BS EN 1276	External UKAS	20°C	30 seconds	Dirty	Neat (80%)	99.9	PASS
		BS EN 13727	External UKAS	20°C	30 seconds	Dirty	Neat (80%)	lg R ≥ 5	

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.