

SHEET

ALCOHOL-FREE FOAM SANITISER**SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1. Product identifier**

Product name ALCOHOL FREE FOAM SANITISER
Internal identification HS21.77.73
Container size: One litre cartridges

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

Identified uses Hand sanitiser. Kills Coronavirus. Effective against the Ebola virus. Conforms to BS EN 1276. Effective against Pseudomonas aeruginosa, Escherichia coli, Staphylococcus aureus and Enterococcus hirae after 5 minutes contact time. Effective against MRSA. Kills 99.999% of the bacteria after the prescribed contact time. Triclosan free. Halal approved product.

1.3. Details of the supplier of the safety data sheet

CLH Group Ltd, Marsh Barton Industrial Estate, Exeter, Devon, EX2 8QW

1.4. Emergency telephone number

Technical Advice :- 02476 331433

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

Hazard statements NC Not Classified

2.3. Other hazards**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2. Mixtures**

Revision date: 11/03/2020 Revision: 15 Supersedes date: 03/03/2020

ALCOHOL FREE FOAM SANITISER

COCAMIDOPROPYL BETAINE 1-5%

CAS number: 61789-40-0 EC number: 263-058-8

Classification

Skin Irrit. 2 - H315

Eye Irrit. 2 - H319

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



SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation	Unlikely route of exposure as the product does not contain volatile substances.
Ingestion	Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Keep affected person under observation. Get medical attention if a large quantity has been ingested.
Skin contact	In the event of any sensitisation symptoms developing, ensure further exposure is avoided.
Eye contact	Do not rub eye. Remove any contact lenses and open eyelids wide apart. Wash with plenty of water.

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

General information	The product is considered to be a low hazard under normal conditions of use.
Inhalation	No adverse effects known.
Ingestion	No adverse effects known. May cause discomfort.
Skin contact	No adverse effects known.
Eye contact	No adverse effects known.

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

Specific treatments	Treat symptomatically.
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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.

Unsuitable extinguishing media None known.

5.2. Special hazards arising from the substance or mixture

Specific hazards None known.

5.3. Advice for firefighters

Protective actions during firefighting:

- No specific firefighting precautions known.

Special protective equipment for firefighters:

- Use protective equipment appropriate for surrounding materials. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Do not touch or walk into spilled material. Take care as floors and other surfaces may become slippery.

6.2. Environmental precautions

Environmental precautions Avoid discharge to the aquatic environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Absorb in vermiculite, dry sand or earth and place into containers.

6.4. Reference to other sections

Reference to other sections For waste disposal, see Section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Usage precautions No specific requirements are anticipated under normal conditions of use.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions No specific requirements are anticipated under normal conditions of use.

Storage class Chemical storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2. Refer to Product Use Guide (PUG) for further information.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits

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

Protective equipment

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Colourless.
Odour	Odourless.
pH	pH (concentrated solution): 4.5 – 5.5
Flash point	Not applicable.
Other flammability	Not applicable.
Relative density	~ 1.006
Solubility(ies)	Soluble in water.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	Not determined.
Viscosity	Non-viscous.
Explosive properties	Not applicable.
Oxidising properties	The mixture itself has not been tested but none of the ingredient substances meet the criteria for classification as oxidising.

9.2. Other information

Refractive index 2.5 – 3.5

Volatile organic compound This product contains a maximum VOC content of <1 %.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

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

10.4. Conditions to avoid

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

10.5. Incompatible materials

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

10.6. Hazardous decomposition products

Hazardous decomposition products Does not decompose when used and stored as recommended.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity Not regarded as dangerous for the environment.

12.1. Toxicity

12.2. Persistence and degradability

Persistence and degradability The product is biodegradable.

12.3. Bioaccumulative potential

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

12.4. Mobility in soil

Mobility Soluble in water.

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.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

General information Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Discharge of small quantities to the sewer with plenty of water may be permitted.

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

EU legislation	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended).
Guidance	EH40/2005 Workplace exposure limits Containing the list of workplace exposure limits for use with the Control of Substances Hazardous to Health Regulations 2002 (as amended) Health and Safety Executive

15.2. Chemical safety assessment

A chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Issued by	Regulatory Chemist
Revision date	11/03/2020
Revision	15
Supersedes date	03/03/2020
SDS number	21248
Hazard statements in full	H315 Causes skin irritation. H319 Causes serious eye irritation.

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: HS21.50.73

Alcohol-free Foam Sanitiser

Alcohol-Free foam for effective hand sanitising.
Laboratory Test Results: Certified to EN1276, EN14476 & EN1500

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	1 Min	Dirty	Neat (80%)	Lg R ≥ 5	PASS
					5 Min	Dirty		Lg R ≥ 5	
<i>Staphylococcus aureus</i> NCTC 10788	Bacteria (food poisoning & skin infections)	BS EN 1276	External UKAS	20°C	1 Min	Dirty	Neat (80%)	Lg R ≥ 5	PASS
					5 Min	Dirty		Lg R ≥ 5	
<i>Enterococcus hirae</i> NCIMB 8192	Bacteria (Common food poisoning bacteria)	BS EN 1276	External UKAS	20°C	1 Min	Dirty	Neat (80%)	Lg R ≥ 5	PASS
					5 Min	Dirty		Lg R ≥ 5	
<i>Pseudomonas aeruginosa</i> NCIMB 10421	Bacteria (Skin infections)	BS EN 1276	External UKAS	20°C	1 Min	Dirty	Neat (80%)	99.997	PASS
					5 Min	Dirty		Lg R ≥ 5	
MRSA (Methicillin resistant strain of <i>Staph. Aureus</i>) NCTC 12493	Bacteria	BS EN 1276	External UKAS	20°C	1 Min	Dirty	Neat (80%)	Lg R ≥ 5	PASS
					5 Min	Dirty		Lg R ≥ 5	
<i>Escherichia coli</i> K12 NCIMB 10083	Bacteria	EN 1500	External UKAS	20°C	30 sec x 2	Clean	2 x 3ml	-	PASS
Ebola	Enveloped virus	EN 14476:2015	External UKAS	20°C	1 Min	Clean	1% v/v concentration	>1 min	PASS
							50.0% v/v concentration	>1 min	PASS
							80.0% v/v concentration	>1 min	PASS
<i>Vaccinia virus</i> VR-1549 Elstree strain/ Vero cells *	Enveloped virus	BS EN 14476:2013 +A2:2019	External UKAS	20°C	2 mins	Clean	10.0% v/v concentration	<2 min	PASS
							50.0% v/v concentration	>2 min	PASS
							80.0% v/v concentration	>2 min	PASS

* This product therefore is effective against all enveloped viruses as defined in EN 14476:2013 + A2:2019 Annex A. This therefore includes all coronaviruses and SARS-CoV-2.

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.

