

SAFETY DATA SHEET

ASSURE [Version 3]

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Trade names: Assure Antimicrobial hand Sanitiser

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

Identified use: Antimicrobial hand sanitiser

1.3 Supplier's details

Company: Synergy Health (UK) Ltd
Address/Phone No.: 1 Western Avenue
 Matrix Park
 Chorley
 Lancashire
 PR7 7NB
 UK
 +44 (0) 1772 299900

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1.4 Emergency telephone number

+44 (0) 1772 299900

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

2.1	Classification of the substance or mixture	This product is not classified as "Dangerous" according to Directive 1999/45/EC and subsequent amendments.
2.1.1	Classification according to Regulation (EC) No. 1272/2008 (CLP)	Non hazardous with stated concentration of any constituent within mixture
2.1.2	Classification according to Directive 1999/45/EC	Non hazardous with stated concentration of any constituent within mixture
	Environment	
2.2	Label elements	
2.2.1	Label elements	No requirements
	Signal Word(s)	No requirements
	Hazard Statement(s)	No requirements
	Precautionary Statement(s)	Avoid contact with eyes
2.3	Other hazards	n/a

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Ingredients	Conc. (wt%)	EC No.	CAS No.	EC Classification (1272/2008)	EC Classification (67/548/EEC)
Benzalkonium Chloride (quaternary ammonium compounds, benzyl-C12-14-alkyldimethyl, chlorides)	<1	N/A	65497-29-2	Acute Tox 3: H301 Skin Corr.1B.: H314 Aquatic Acute 1: H400	Xn: R22 C: R34 N: R50
Didecyldimethyl ammonium chloride	<1	230-525-2	7173-51-5	Acute Tox 3: H301 Skin Corr.1B.: H314 Aquatic Acute 1: H400	Xn: R22 C: R34 N: R50
Ethylene Glycol	<1	203-473-3	107-21-1	Acute Tox. 4 - H302; STOT RE 2 - H373	Xn: R22
Polyhexamethylene Biguanide	<1	N/A	27083-27-8	Skin Irrit. 2: H315; Eye Irrit. 2: H319; Skin Sens. 1: H317; STOT SE 3: H335; Aquatic Chronic 1: H410; Aquatic Chronic 2: H411; Aquatic Chronic 3: H412	Xn: R22; Xi: R36/38; Xi: R41; Sens.: R43; N: R50/53

This product is a disinfectant containing the following active ingredients:
Benzalkonium Chloride (quaternary ammonium compounds, benzyl-C12-14-alkyldimethyl, chlorides);
Didecyldimethylammonium; Polyhexamethylene Biguanide chloride

4. FIRST AID MEASURES

4.1 Description of first aid measures

Eye contact: In case of contact with eyes, flush the eye with eyewash or fresh cold water. Obtain medical advice.

Ingestion: If swallowed, wash out mouth with water and seek medical attention.

Skin reaction: Highly unlikely but if affected, wash area with fresh water. Obtain medical advice.

4.2 Most important symptoms and effects, both acute and delayed

May cause mild eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptoms as they occur.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

The content is aqueous based and does not constitute a fire hazard.

5.2 Special hazards arising from the substance or mixture

None

5.3 Advice for fire-fighters

To wear breathing apparatus in extreme heat and large volume of product applicable

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Not applicable.

6.2 Environmental precautions

If released accidentally, flush away with fresh water.

6.3 Methods and materials for containment and cleaning up

Not applicable.

6.4 Reference to other sections

Not applicable.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

No special requirements

7.2 Conditions for safe storage, including any incompatibilities

Store in the marketed containers and cartons, under normal warehouse conditions.

7.3 Specific end use

As directed on container

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

For the mixture:

EU limit	None
UK limit	None

8.2 Exposure Controls

8.2.1. Engineering Controls: Not applicable.

8.2.2. Personal Protective Equipment: The product is a disinfectant for use on the skin, therefore no controls are necessary. Avoid contact with the eyes.

8.2.3. Environmental Exposure Controls: No information available.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1	Information on basic physical and chemical properties	
	Appearance	White opaque mousse
	Odour	Barely perceptible odour
	Odour Threshold (ppm)	Not available
	pH (Value)	6.0 – 8.0
	Refractive index	Not available
	Melting/freezing Point (°C)	Not available
	Initial boiling point/boiling range (°C):	Not available
	Flash Point (°C)	>80C
	Evaporation Rate	Not available
	Flammability (solid, gas)	Not available
	Flammability or explosive limits	Not available
	Vapour pressure	Not available
	Relative density	Approx 1.00
	Solubility	Highly soluble
	Partition coef	Not available
	Auto-ignition temperature	Not available
	Decomposition temperature	Not available
	Viscosity	None viscous
	Explosive properties	None
	Oxidising properties	Not expected for water based product
9.2	Other information	Not applicable

10. STABILITY AND REACTIVITY

10.1	Reactivity	Non reactive under normal conditions of storage
10.2	Chemical stability	Stable under normal conditions of storage
10.3	Possibility of hazardous reactions	Not applicable
10.4	Conditions to avoid	Avoid extremes of temperature
10.5	Incompatible materials	Alkalis and oxidising agents
10.6	Hazardous decomposition product(s)	None known

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity	Not classified as harmful by ingestion, skin contact or inhalation
Irritancy	May cause eye irritation.
Corrosivity	No information available
Sensitisation	No ingredient has been identified as having sensitising properties
Repeated dose toxicity	No information available
Carcinogenicity	No information available
Mutagenicity	No information available
Toxicity for reproduction	No information available

12. ECOLOGICAL INFORMATION

- 12.1 Toxicity**
Essentially non-toxic. This is a disinfectant product for use on human skin but avoid letting large quantities reaching ground water.
- 12.2 Persistence and Degradability**
Contents are biodegradable in part only.
- 12.3 Bioaccumulation**
No information available.
- 12.4 Mobility Soil**
No information available.
- 12.5 Results of PBT and vPVP assessment**
No information available.
- 12.6 Other adverse effects**
Not applicable.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Both empty and full containers should be disposed of in accordance with local regulations.

14. TRANSPORT INFORMATION

No special requirements

15. REGULATORY INFORMATION

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

15.1.1 EU regulations

Authorisations and/or Restrictions On Use 92/85/EEC. 1907/2006/EC

15.1.2 National regulations

Observe Local Regulations.

15.2 Chemical Safety Assessment

No data

16. OTHER INFORMATION

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

Phrases used in s.2 and 3 (in connection with **100% concentration** of constituent only):

H301: Toxic if swallowed
H302: Harmful if swallowed
H314: Causes skin burns and eye damage
H315: Causes skin irritation
H317: May cause an allergic skin reaction
H319: Causes serious eye damage
H335: May cause respiratory irritation
H373: May cause damage to organs through prolonged or repeated exposure
H400: Very toxic to aquatic life
H410: Very toxic to aquatic life with long lasting effects
H411: Toxic to aquatic life with long last effects
H412: Harmful to aquatic life with long lasting effects

R22: Harmful if swallowed.
R34: Causes burns.
R36/38: Irritating to eyes/skin
R41: Risk of serious damage to eyes.
R43: May cause sensitisation by skin contact
R50: Very toxic to aquatic organisms
R53: May cause long-term adverse effects in the aquatic environment

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