

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: VIROGUARD ALCOHOL-FREE FOAMING HAND SANITISER

Synonyms: * AQUEOUS HAND DISINFECTANT

ALCOHOL FREE FOAMING HAND DISINFECTANT

THIS DOCUMENT IS INTENDED FOR USE BY END USERS OF SMALL PACKED QUANTITIES

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

Use of substance / mixture: PC8: Biocidal products (e.g. Disinfectants, pest control). PC39: Cosmetics, personal care products.

1.3. Details of the supplier of the safety data sheet

Company name: Cleantec Innovation Limited
Building 356, Discovery Park
Sandwich
Kent
CT13 9FJ
United Kingdom

Tel: 001304 897610 (09:00 - 17:00 Mon-Fri)

Email: Info@cleantecinnovation.com

1.4. Emergency telephone number

Emergency tel: 07711 009064 (Out of Hours)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Aquatic Chronic 3: H412

Most important adverse effects: Harmful to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: H412: Harmful to aquatic life with long lasting effects.

Precautionary statements: P273: Avoid release to the environment.

P501: Dispose of contents/container to hazardous or special waste collection point.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

SAFETY DATA SHEET

VIROGUARD ALCOHOL-FREE FOAMING HAND SANITISER

Page: 2

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

DIDECYLDIMETHYLAMMONIUM CHLORIDE - REACH registered number(s): 01-2119945987-15-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
230-525-2	7173-51-5	-	Acute Tox. 4: H302; Skin Corr. 1B: H314	<1%

CHLORHEXIDINE GLUCONATE - REACH registered number(s): 01-211-9946568-22-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
242-354-0	18472-51-0	-	Eye Dam. 1: H318; Aquatic Acute 1: H400; Aquatic Chronic 1: H410	<1%

CETYL TRIMETHYL AMMONIUM CHLORIDE - REACH registered number(s): 01-2119970558-23-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
203-928-6	112-02-7	-	Acute Tox. 4: H302; Acute Tox. 3: H311; Skin Corr. 1C: H314; Eye Dam. 1: H318; Aquatic Acute 1: H400; Aquatic Chronic 1: H410	<1%

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: * No action required unless redness or irritation develops. If irritation develops or persists seek medical attention.

Eye contact: * Rinse eyes with clean, cold water. May cause redness to eyes, if irritation develops seek medical advice.

Ingestion: Wash out mouth with water. Do not induce vomiting. If irritation develops or persists seek medical attention.

Inhalation: * Not applicable under normal conditions of use. If symptoms develop seek medical attention.

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

Skin contact: The product is formulated to be at or near to physiological pH therefore no adverse effects are expected other than in case of an allergic reaction.

Eye contact: * There may be irritation and redness. The eyes may water profusely. Repeated exposure may cause chronic eye irritation. Disinfectant.

Ingestion: May cause mild irritation of the gastrointestinal tract if large quantities are ingested. Nausea and stomach pain may occur. There may be vomiting and diarrhoea.

Inhalation: Not applicable under normal conditions of use.

Delayed / immediate effects: As the product is formulated to be at or near to physiological pH there should not be any negative effects or symptoms other than in the case of an allergic reaction. Nausea and stomach pain may occur. There may be vomiting and diarrhoea.

[cont...]

SAFETY DATA SHEET

VIROGUARD ALCOHOL-FREE FOAMING HAND SANITISER

Page: 3

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

Immediate / special treatment: * No special requirements. The product is formulated to be stabilised to a physiologically neutral pH and therefore should not require any specific treatment other than in cases of an allergic reaction. Show this safety data sheet to the doctor in attendance.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: The product does not support combustion. In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: * Turn leaking containers leak-side up to prevent the escape of liquid. Avoid mixing with other cleaning & disinfection products, and any materials listed within section 10.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: * Due to relatively small package size, the clean up process is the same as with any other small liquid spillage.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS. Refer to section 13 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Causes slippery surface when spilled.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: * Avoid exposure to sources of heat greater than 40 ° C. Protect from low temperatures and frost. Avoid incompatible materials and conditions - see section 10 of SDS.

Suitable packaging: Must only be kept in original packaging. Plastic. Plastic-lined.

7.3. Specific end use(s)

Specific end use(s): No special requirement.

[cont...]

SAFETY DATA SHEET

VIROGUARD ALCOHOL-FREE FOAMING HAND SANITISER

Page: 4

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits:

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
EU	See Section 16	-	-	-

Respirable dust

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: No specific measures or controls are likely to be required.

Respiratory protection: Not normally required under normal conditions of use.

Hand protection: The product is formulated & packaged for use as a hand disinfectant therefore hand protection is not required.

Eye protection: Eye protection is not required under normal conditions of use.

Skin protection: Protective clothing is not required under normal conditions of use.

Environmental: No special requirement.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Odour: Barely perceptible odour

Evaporation rate: Slow

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Miscible in all proportions

Viscosity: Non-viscous

Boiling point/range°C: > 99

Melting point/range°C: ~ 0

Flash point°C: >93

Relative density: 1.0 g/ml

pH: 6.5

9.2. Other information

Other information: Product is not flammable. No further information available at this time.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

[cont...]

SAFETY DATA SHEET

VIROGUARD ALCOHOL-FREE FOAMING HAND SANITISER

Page: 5

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Extremes of temperature. Low temperatures and frost.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

DIDECYLDIMETHYLAMMONIUM CHLORIDE

IPR	RAT	LD50	45	mg/kg
ORL	MUS	LD50	268	mg/kg

Toxicity values: No data available.

Symptoms / routes of exposure

Skin contact: The product is formulated to be at or near to physiological pH therefore no adverse effects are expected other than in case of an allergic reaction.

Eye contact: * There may be irritation and redness. The eyes may water profusely. Repeated exposure may cause chronic eye irritation. Disinfectant.

Ingestion: May cause mild irritation of the gastrointestinal tract if large quantities are ingested. Nausea and stomach pain may occur. There may be vomiting and diarrhoea.

Inhalation: Not applicable under normal conditions of use.

Delayed / immediate effects: As the product is formulated to be at or near to physiological pH there should not be any negative effects or symptoms other than in the case of an allergic reaction. Nausea and stomach pain may occur. There may be vomiting and diarrhoea.

Other information: There is no further information at this time.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

[cont...]

SAFETY DATA SHEET

VIROGUARD ALCOHOL-FREE FOAMING HAND SANITISER

Page: 6

12.2. Persistence and degradability

Persistence and degradability: There is no data available at present.

12.3. Bioaccumulative potential

Bioaccumulative potential: There is no data available at present.

12.4. Mobility in soil

Mobility: Non-volatile. Soluble in water.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment. Small spillages will have a negligible effect upon the environment. Do not allow to enter watercourses or soils. Spillage in sewers or waterways must be avoided.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: * Dispose of in the same manner as other cleaning & disinfectant products, however small quantities will not have any significant effect upon the local or wider environment.

Recovery operations: No significant opportunity for recovery available with the product. No further information available at this time.

Disposal of packaging: * Clean with water. May be reused following decontamination. Dispose of as normal industrial waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

Specific regulations: This products usage may be controlled under BPR (Biocidal Products Regulation (EC) No. 528/2012).

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier. Due to the hazard classification a chemical safety report (CSR) is not required for this product.

Section 16: Other information

[cont...]

SAFETY DATA SHEET

VIROGUARD ALCOHOL-FREE FOAMING HAND SANITISER

Page: 7

Other information

Other information: * This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

This document has been written with the end user of small packed quantities in mind where the risk of personal & environmental exposure is limited in comparison with bulkier volumes & more industrial applications.

There are no levels set for this product thus normal standards of industrial hygiene should be observed.

Phrases used in s.2 and s.3: H302: Harmful if swallowed.

H311: Toxic in contact with skin.

H314: Causes severe skin burns and eye damage.

H318: Causes serious eye damage.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.