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**SAFETY DATA SHEET**

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

- Product Name: SAFE4 VIRUCIDAL HAND SANITISER
- Product Part Number: 50ML/600ML/5L-VHSAN

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

- Use of the substance/mixture: Sanitiser

**1.3 Details of the supplier of the safety data sheet**

- Name of Supplier: Safe Solutions (Safe4) Ltd.
- Address of Supplier: Safe Solutions (Safe4) Ltd  
Bostock Road  
Winsford  
Cheshire  
CW7 3BD
- Telephone: +44 (0) 1606 591 900
- Email: Info@safe4disinfectant.com

**1.4 Emergency telephone number**

- Emergency Telephone: +44 (0) 1606 591 900
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**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture**

- CLP: Eye Irrit. 1

**2.2 Label elements****GHS07**

- Signal Word: Warning

**Hazard statements**

H319 - Causes serious eye irritation.

**Precautionary statements**

P102 - Keep out of reach of children.  
P235+P410 - Keep cool. Protect from sunlight.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**2.3 Other hazards**

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**SECTION 2: Hazards identification (....)**

- Not applicable

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**SECTION 3: Composition/information on ingredients****3.2 Mixtures****QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C8-18-ALKYLDIMETHYL, CHLORIDES**

CAS Number: 68424-85-1  
EC Number: 270-325-2  
Concentration: < 0.5%  
Specific Concentration Limits: Not applicable  
M factor: 1  
Acute toxicity estimate: Not available  
Categories: Met. Corr. 1, Acute Tox. 4, Skin Corr. 1B, Eye Dam. 1, Aquatic Acute 1, Aquatic Chronic 1  
H Statements: H290, H302, H314, H318, H400, H410  
M factor, acute: 1

**didecyldimethylammonium chloride**

CAS Number: 7173-51-5  
EC Number: 230-525-2  
Concentration: < 0.5%  
Specific Concentration Limits: Not applicable  
M factor: Not available  
Acute toxicity estimate: Not available  
Categories: Acute Tox. 4, Skin Corr. 1B  
H Statements: H302;H314  
Symbols: GHS05;GHS07

**propan-2-ol; isopropyl alcohol; isopropanol**

CAS Number: 67-63-0  
EC Number: 200-661-7  
Concentration: < 0.25%  
Specific Concentration Limits: Not applicable  
M factor: Not available  
Acute toxicity estimate: Not available  
Categories: Flam. Liq. 2, Eye Irrit. 2, STOT SE 3  
H Statements: H225;H336;H319  
Symbols: GHS02;GHS07

**Chlorohexidine digluconate**

CAS Number: 18472-51-0  
EC Number: Not applicable  
Concentration: < 0.1%  
Specific Concentration Limits: Not applicable  
M factor: Not available

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**SECTION 3: Composition/information on ingredients (....)**

Acute toxicity estimate:	Not available
Categories:	Eye Dam. 1, Aquatic Acute 1, Aquatic Chronic 1
H Statements:	H318, H400, H410
Symbols:	GHS05, GHS09

**(L) LACTIC ACID**

CAS Number:	79-33-4
EC Number:	201-196-2
Concentration:	< 0.25%
Specific Concentration Limits:	Not applicable
M factor:	Not available
Acute toxicity estimate:	Not available
Categories:	Skin Corr. 1C, Eye Dam. 1
H Statements:	H314, H318
REACH Registration Number:	01-2119474164-39-XXXX

**Aloe barbadensis Leaf Juice**

CAS Number:	85507-69-3
EC Number:	287-390-8
Concentration:	< 0.1%
Specific Concentration Limits:	Not applicable
M factor:	Not available
Acute toxicity estimate:	Not available
Categories:	Not applicable

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**SECTION 4: First aid measures****4.1 Description of first aid measures**

- Rinse mouth.
- If substance has got into eyes, immediately wash out with plenty of water
- Treat symptomatically
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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

- Not applicable

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

- Not applicable

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**SECTION 5: Firefighting measures****5.1 Extinguishing media**

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

**5.2 Special hazards arising from the substance or mixture**

- No hazard expected under normal conditions of use

**5.3 Advice for firefighters**

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**SECTION 5: Firefighting measures (....)**

- No special precautions are required for this product
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**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

- Not applicable

**6.2 Environmental precautions**

- Not applicable

**6.3 Methods and material for containment and cleaning up**

- No special precautions are required for this product

**6.4 Reference to other sections**

- See Section 8, 13
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**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

- Do not handle until all safety precautions have been read and understood.
- Do not eat, drink or smoke when using this product.
- Avoid contact with eyes

**7.2 Conditions for safe storage, including any incompatibilities**

- Store in a well-ventilated place. Keep container tightly closed.
- Keep cool.
- Store at ambient temperature

**7.3 Specific end use(s)**

- See Section 1.2
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**SECTION 8: Exposure controls/personal protection****8.1 Control parameters**

- No information available

**propan-2-ol; isopropyl alcohol; isopropanol**

DNEL (Industry; dermal, long term systemic effects): 888 mg/kg/day

DNEL (Industry; inhalational, long term systemic effects): 500 mg/m<sup>3</sup>

DNEL (Consumer; dermal, long term systemic effects): 319 mg/kg/day

DNEL (Consumer; inhalational, long term systemic effects): 89 mg/m<sup>3</sup>

DNEL (Consumer; oral, long term systemic effects): 26 mg/kg/day

**8.2 Exposure controls**

- See Section 2
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**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

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**SECTION 9: Physical and chemical properties (....)**

- Physical state: Liquid
- Colour: Clear
- Odour: Odourless, OR, Eucalyptus
- Melting point/Range: Not applicable
- Boiling Point/Range: >100 °C , not available
- Flammability: Not flammable
- pH: 3 - 5
- Solubility in water: Not applicable
- Density: Not applicable
- Flashpoint: >93°C

**9.2 Other information**

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**SECTION 10: Stability and reactivity****10.1 Reactivity**

- This article is considered stable under normal conditions

**10.2 Chemical stability**

- Considered stable under normal conditions

**10.3 Possibility of hazardous reactions**

- No hazardous reactions known if used for its intended purpose

**10.4 Conditions to avoid**

- Extremes of temperature

**10.5 Incompatible materials**

- Not applicable

**10.6 Hazardous decomposition products**

- None
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**SECTION 11: Toxicological information****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity**

Not applicable

Estimated LD<sub>50</sub> (oral) (ATE) : >2000 mg/kg

Estimated LD<sub>50</sub> (dermal) (ATE) : >4000 mg/kg

Estimated LD<sub>50</sub> (inhalational) (ATE) : >20 mg/l/4hr (gas/vapour)

**didecyldimethylammonium chloride**

LD<sub>50</sub> (oral, rat): 238 mg/kg

LD<sub>50</sub> (dermal, rabbit): 3342 mg/kg

**propan-2-ol; isopropyl alcohol; isopropanol**

LD<sub>50</sub> (oral, rat): 4570 mg/kg

LD<sub>50</sub> (dermal, rabbit): 13400 mg/kg

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**SECTION 11: Toxicological information (....)**

LC<sub>50</sub> (inhalation, rat): 30 vapours mg/l

**Chlorohexidine digluconate**

LD<sub>50</sub> (oral, rat): 2 g/kg

LD<sub>50</sub> (oral, mouse): 1260 mg/kg

**(L) LACTIC ACID**

LD<sub>50</sub> (oral, rat): 3,543 mg/kg

LD<sub>50</sub> (skin, rat): >2000 mg/kg

**Skin corrosion/irritation**

Not applicable

**Serious eye damage/irritation**

Not applicable

**Respiratory or skin sensitisation**

Not applicable

**Germ cell mutagenicity**

No information available

**Carcinogenicity**

No evidence of carcinogenic effects

**Reproductive toxicity**

Not applicable

**STOT (specific target organ toxicity) - single exposure**

No information available

**STOT (specific target organ toxicity) - repeated exposure**

No information available

**Aspiration hazard****11.2 Information on other hazards**

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**SECTION 12: Ecological information****12.1 Toxicity**

- No information available

**propan-2-ol; isopropyl alcohol; isopropanol**

PNEC (Fresh water): 140.9 mg/l

PNEC (intermittent): 140.9 mg/l

PNEC (Marine water): 140.9 mg/l

PNEC (Sediment; fresh water): 552 mg/kg

PNEC (Sediment; marine water): 552 mg/kg

PNEC (Soil): 28 mg/kg

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**SECTION 12: Ecological information (....)**

PNEC (STP): 2251 mg/l

**(L) LACTIC ACID**

EC<sub>50</sub> (daphnia): 130 mg/l (48 hr)

LC<sub>50</sub> (fish): 130 mg/l (96 hr)

**12.2 Persistence and degradability**

- Not applicable

**12.3 Bioaccumulative potential**

- Bioaccumulation is insignificant

**12.4 Mobility in soil**

- Completely soluble in water
- miscible with water

**12.5 Results of PBT and vPvB assessment**

- Not a PBT according to REACH Annex XIII

**12.6 Endocrine disrupting properties**

- Not applicable

**12.7 Other adverse effects**

- Not applicable
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**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

- Disposal should be in accordance with local, state or national legislation
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**SECTION 14: Transport information****Not classified as hazardous for transport****14.1 UN number or ID number**

- UN No.: Not applicable

**14.2 UN proper shipping name**

- Proper Shipping Name: Not applicable

**14.3 Transport hazard class(es)**

- Hazard Class: Not applicable

**14.4 Packing group**

- Packing Group: Not applicable

**14.5 Environmental hazards**

- Not classified

**14.6 Special precautions for user**

- Not classified

**14.7 Maritime transport in bulk according to IMO instruments**

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**SECTION 14: Transport information (....)**

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**SECTION 15: Regulatory information**

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

- Refer to current CLP Regulations

**15.2 Chemical safety assessment**

- A REACH chemical safety assessment has not been carried out
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**SECTION 16: Other information**

Text not given with phrase codes where they are used elsewhere in this safety data sheet:-  
H225: Highly flammable liquid and vapour. H290: May be corrosive to metals. H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage. H318: Causes serious eye damage. H319: Causes serious eye irritation. H336: May cause drowsiness or dizziness. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects.

All information correct at time of printing.

--- end of safety datasheet ---

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