



**SAFETY DATA SHEET**  
**SAFE HANDS NON-ALCOHOLIC HAND SANITISER**

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

**1.1. Product identifier**

**Product name** SAFE HANDS NON-ALCOHOLIC HAND SANITISER

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

**Identified uses** Hand cleaner.

**Uses advised against** No specific uses advised against are identified.

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

**Supplier** Starbrite Chemicals Ltd.  
Unit 27, Bolney Grange Business Park,  
Stairbridge Lane,  
Bolney,  
West Sussex,  
RH17 5PB.  
01444 237700  
01444 237701  
enquiries@starbrite.co.uk

**1.4. Emergency telephone number**

**Emergency telephone** +44 (0) 1444 237 700 (Mon-Fri 8:00am-5:00pm GMT)

**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

**Precautionary statements** For external use only.  
P102 Keep out of reach of children.  
Avoid contact with eyes.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Supplemental label information** Ingredients: Aqua, 1,2-propanediol, Glycerin, Hydroxyethyl cellulose, Didecyl dimethyl ammonium chloride, Triethanolamine. Benzalkonium chloride, Citric acid

**2.3. Other hazards**

**SECTION 3: Composition/information on ingredients**

**3.2. Mixtures**

## SAFE HANDS NON-ALCOHOLIC HAND SANITISER

**Composition comments** Ingredients: Aqua, 1,2-propanediol, Glycerin, Hydroxyethyl cellulose, Didecyl dimethyl ammonium chloride, Triethanolamine. Benzalkonium chloride, Citric acid

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

**General information** If in doubt, get medical attention promptly.

**Inhalation** Avoid inhalation of vapour mist or spray. Remove person to fresh air and keep comfortable for breathing. Get medical attention if any discomfort continues.

**Ingestion** Rinse mouth thoroughly with water. Do not induce vomiting. Give plenty of water to drink. Get medical attention if any discomfort continues.

**Eye contact** Wash with plenty of water. Get medical attention if irritation persists after washing.

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

**General information** Treat symptomatically.

**Inhalation** May cause respiratory system irritation.

**Ingestion** No harmful effects expected from quantities likely to be ingested by accident.

**Eye contact** May irritate eyes.

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

**Notes for the doctor** Treat symptomatically.

**Specific treatments** Not applicable.

### 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** Not applicable.

#### 5.2. Special hazards arising from the substance or mixture

**Specific hazards** The product is non-combustible. None known.

**Hazardous combustion products** Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO). Avoid breathing dusts, vapours or fumes from burning materials. In case of inhalation of decomposition products in a fire, symptoms may be delayed.

#### 5.3. Advice for firefighters

**Protective actions during firefighting** Avoid breathing fire gases or vapours.

**Special protective equipment for firefighters** Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents. 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

**Personal precautions** Avoid contact with eyes and prolonged skin contact.

## SAFE HANDS NON-ALCOHOLIC HAND SANITISER

**For non-emergency personnel** No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.

**For emergency responders** If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

### 6.2. Environmental precautions

**Environmental precautions** No negative effects on the aquatic environment are known. Not regarded as dangerous for the environment. Do not discharge into drains or watercourses or onto the ground.

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Absorb spillage with sand or other inert absorbent. Collect and place in suitable waste disposal containers and seal securely.

### 6.4. Reference to other sections

**Reference to other sections** For safe handling, see Section 7 For personal protection, see Section 8. For waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Avoid contact with eyes.

**Advice on general occupational hygiene** Clean equipment and the work area every day.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place. Container must be kept tightly closed when not in use.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

#### Occupational exposure limits

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

#### **didecyldimethylammonium chloride**

No data available

#### **propan-2-ol**

EH40 WEL, Time Weighted Average (TWA): 400ppm, 999mg/m<sup>3</sup>

EH40 WEL, Short Term Exposure Limit (STEL): 500ppm, 1250 mg/m<sup>3</sup>

ELV (IE), Short Term Exposure Limit (STEL): 400 ppm

ELV (IE), Time Weighted Average (TWA): 200 ppm

**propan-2-ol (CAS: 67-63-0)**

## SAFE HANDS NON-ALCOHOLIC HAND SANITISER

<b>DNEL</b>	Workers - Dermal; Long term systemic effects: 888 mg/kg/day Workers - Inhalation; Long term systemic effects: 500 mg/m <sup>3</sup> Consumer - Dermal; Long term systemic effects: 319 mg/kg/day Consumer - Inhalation; Long term systemic effects: 89 mg/m <sup>3</sup> Consumer - Oral; Long term systemic effects: 26 mg/kg/day
<b>PNEC</b>	- Fresh water; 140.9 mg/l - marine water; 140.9 mg/l - Intermittent release; 140.9 mg/l - STP; 2251 mg/l - Sediment; 552 mg/kg - Soil; 28 mg/kg

### 8.2. Exposure controls

<b>Appropriate engineering controls</b>	Avoid inhalation of vapours and spray/mists. Observe any occupational exposure limits for the product or ingredients.
<b>Eye/face protection</b>	Contact lenses should not be worn when working with this chemical.
<b>Hand protection</b>	Hand protection not required.
<b>Hygiene measures</b>	Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using this product.
<b>Respiratory protection</b>	No specific recommendations.
<b>Environmental exposure controls</b>	Keep container tightly sealed when not in use.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Clear liquid.
<b>Colour</b>	Clear.
<b>Odour</b>	No characteristic odour.
<b>pH</b>	pH (concentrated solution): 6.0 - 6.5
<b>Relative density</b>	1.0026 @ 20°C

### 9.2. Other information

<b>Refractive index</b>	2
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
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### 10.2. Chemical stability

<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended.
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### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	None known.
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### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Avoid exposure to high temperatures or direct sunlight. Avoid freezing.
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## SAFE HANDS NON-ALCOHOLIC HAND SANITISER

### 10.5. Incompatible materials

**Materials to avoid** Strong oxidising agents. Strong reducing agents. Strong acids. Strong alkalis.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** May emit toxic fumes under fire conditions.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Inhalation** Vapours may irritate throat/respiratory system.

**Ingestion** May cause discomfort if swallowed.

**Eye contact** May cause irritation.

## SECTION 12: Ecological information

**Ecotoxicity** The product is not expected to be hazardous to the environment.

### 12.1. Toxicity

**Toxicity** Not applicable.

### 12.2. Persistence and degradability

**Persistence and degradability** The product is biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** The product is not bioaccumulating.

### 12.4. Mobility in soil

**Mobility** The product is soluble in water.

### 12.5. Results of PBT and vPvB assessment

### 12.6. Other adverse effects

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** Dispose of waste product or used containers in accordance with local regulations

## 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

## SAFE HANDS NON-ALCOHOLIC HAND SANITISER

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** Not applicable.

**Annex II of MARPOL 73/78**

**and the IBC Code**

## SECTION 15: Regulatory information

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

#### EU legislation

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).

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).

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

**General information** Only trained personnel should use this material.

**Issued by** HS&E Manager.

**Revision date** 17/03/2020

**Revision** 3

**Supersedes date** 29/10/2019

**SDS number** 8409

**Code**

**Other Information**

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.