

# SAFETY DATA SHEET according to regulation (EC) No.1907/2006

## SECTION 1: Identification of the substance/mixture and company

### 1.1. Product Identifier

Product code: C2KOCsb  
Name: Safe Hands

1.2. Product Uses Alcohol based gel hand sanitiser

### 1.3. Supplier

Starbrite Chemicals Ltd  
Unit 27, Bolney Grange Business Park  
Stairbridge Lane, Bolney  
RH17 5PA  
Phone: 01444 237700  
Web: [www.starbrite.co.uk](http://www.starbrite.co.uk)  
Fax: 01444 237701  
Email: [enquiries@starbrite.co.uk](mailto:enquiries@starbrite.co.uk)

### 1.4. Emergency telephone number

Emergency Telephone Number: 01444 237700

## SECTION 2: Hazards identification (Undiluted product)

### 2.1. Classification of the mixture

According to 1272/2008

Health Hazards: Eye Irrit. 2

Physical Hazards: Not Classified

Environmental Hazards: Aquatic Chronic 2

### 2.2. Label elements

According to 1272/2008

Warning



H319 Causes serious eye irritation

H411 Toxic to aquatic life with long lasting effects

P273 Avoid release to the environment.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/attention.

P405 Store locked up.

### 2.3. Other hazards

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

| <b>Material</b> | <b>CAS number</b> | <b>Level</b> | <b>Hazards (see section 16)</b>                                 |                |
|-----------------|-------------------|--------------|-----------------------------------------------------------------|----------------|
| Propan-2-ol     | 67-63-0           | 15-30%       | Eye Irrit. 2, Flam. Liq. 2, STOT SE 3                           | H225 H319 H336 |
| Triclosan       | 3380-34-5         | <0.1%        | Aquatic Acute 1, Aquatic Chronic 1, Eye Irrit. 2, Skin Irrit. 2 | H315 H319 H410 |

### **SECTION 4: First aid measures**

#### **4.1. Description of first aid measures**

Eye contact: Immediately flush eyes with water, holding eyelids apart, for at least 10 minutes. Seek medical assistance immediately.

Skin contact: Remove contaminated clothing, wash skin with water.

Inhalation: Not applicable.

Ingestion: Do not induce vomiting. If conscious, give water to drink. Seek medical assistance immediately.

First aider PPE: As required to prevent contact. See section 8.2.

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

Eye hazard: Will cause irritation.

Skin hazard: Designed for skin contact. No skin hazard in normal use. Very prolonged contact with undiluted product may cause irritation and dryness.

Respiratory hazard: Not a hazard in normal use.

Other hazards:

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

No special treatment or attention required additional to section 4.2.

### **SECTION 5: Fire fighting measures**

Flammability hazard: Not combustible.

#### **5.1. Extinguishing media**

No special requirements. As appropriate for the fire.

#### **5.2. Special hazards arising from the mixture**

No specific hazards arising from the mixture.

#### **5.3. Advice for firefighters**

No special measures arising from the mixture.

### **SECTION 6: Accidental release measures**

#### **6.1. Personal precautions, protective equipment and emergency procedures**

Take precautions to avoid contact. Use Personal Protective Equipment as detailed in section 8

Spillage may make floors slippery. Keep the area clear. Observe regulations.

#### **6.2. Environmental precautions**

Prevent spills from entering water courses.

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

Contain and absorb or pump into suitable containers for disposal.

#### **6.4. Reference to other sections**

Observe the advice given in sections 8 and 13

## **SECTION 7: Handling and storage**

Shelf life: 24 months in original sealed containers.

### **7.1. Precautions for safe handling**

Do not mix with other products. Observe good industrial hygiene.

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

Store in a cool, dry place protected from frost and away from acids and strong oxidising agents. Store upright in original containers. Recommended storage temperature 5-25°C.

### **7.3. Product Uses**

For use on clean hands. Apply a small amount to the hands and rub in until dispersed. Do not use on broken or irritated skin. Please refer to product safety data sheet before use. Use only as directed.

INGREDIENTS: Aqua, isopropyl alcohol, glycerine, laureth-7, triethanolamine, stabiliser, triclosan, conditioner.

## **SECTION 8: Exposure controls/personal protection**

### **8.1. Control parameters**

Workplace exposure limits

Propan-2-ol 400ppm WEL 8 hour TWA (UK EH40)

### **8.2. Exposure controls**

These measures are suggested on the basis of general use methods and may not be appropriate to all potential uses of the product. The user is responsible for carrying out a full risk assessment of their specific processes and systems of work.

Eye protection: Wear eye protection appropriate to the process according to BS EN 166 if splashing is likely.

Hand protection: This product is designed for hand contact. Very prolonged contact should be avoided.

Body protection: As necessary to prevent contact.

Respiratory protection: Not applicable.

Other protection:

Personal protective equipment:

Exact PPE requirements should be determined from a specific risk assessment of the processes being carried out.

Environmental protection: Prevent mixture from entering water courses.

## **SECTION 9: Physical and chemical properties**

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

Appearance: Colourless liquid.

Odour: Characteristic, alcohol.

pH (typical): 7.2 as supplied (typical).

Initial boiling point: 80°C.

Auto-ignition temp: >200°C.

Explosive properties: Not applicable.

Oxidising properties: Not applicable.

Vapour pressure: 17.5mm Hg at 20°C.

Solubility: Dispersable in water.

Relative density at 20° C (typical): 0.97

Flash point: 27°C. Does not support combustion

Viscosity: Viscous liquid.

### **9.2. Other information**

## **SECTION 10: Stability and reactivity**

- 10.1. Reactivity** Incompatible with strong oxidising agents and acids.
- 10.2. Chemical stability** Stable under recommended storage conditions.
- 10.3. Possibility of hazardous reactions** No hazardous reactions are expected to occur.
- 10.4. Conditions to avoid** Extremes of temperature.
- 10.5. Incompatible materials** Incompatible with strong oxidising agents and acids.
- 10.6. Hazardous decomposition products** None known.

## **SECTION 11: Toxicological information**

### **11.1. Information on toxicological effects**

- Acute toxicity: Does not contain any ingredients classified as acutely toxic.
- Skin corrosion/ irritation: Based on available data, the classification criteria are not met.
- Serious eye damage/ irritation: Mixture is classified as Eye Irrit. 2. See section 2.
- Respiratory or skin sensitisation: Does not contain any ingredients classified as sensitising.
- Germ cell mutagenicity: Does not contain any ingredients classified as mutagenic.
- Carcinogenicity: Does not contain any ingredients classified as carcinogenic.
- Reproductive toxicity: Does not contain any ingredients classified as toxic for reproduction.
- STOT single exposure: Based on available data, the classification criteria are not met.
- STOT repeated exposure: Does not contain any ingredients classified as STOT RE.
- Aspiration toxicity: Does not contain any ingredients classified as Asp Tox.

### **Routes of exposure/ symptoms**

- Eye contact: Will cause irritation.
- Skin contact: Not a hazard in normal use. Very prolonged contact may cause irritation and dryness.
- Inhalation: Not a hazard in normal use.
- Ingestion: low toxicity, may cause irritation to gastro-intestinal tract.

## **SECTION 12: Ecological information**

- 12.1. Toxicity** Toxic to aquatic life with long lasting effects
- 12.2. Persistence and degradability** This product has microbiocidal properties. Large quantities may affect biological treatment plants.
- 12.3. Bioaccumulative potential** Not expected to bioaccumulate
- 12.4. Mobility in soil** This product has high water solubility
- 12.5. Results of PBT and vPvB assessment** Contains no ingredients classified as PBT or vPvB.
- 12.6. Other adverse effects** No other adverse effects are anticipated.

## **SECTION 13: Disposal considerations**

### **13.1. Waste treatment methods**

- Dispose of surplus product and packaging via a licenced chemical waste contractor.
- Empty cleaned containers can be recycled where facilities exist or sent for landfill or incineration where permitted.

## **SECTION 14: Transport information**

- 14.1. UN number** 3082      **14.2. UN proper shipping name** Environmentally hazardous substance, Liquid, N.O.S.
- 14.3. Transport hazard class(es)** 9      **14.4. Packing group** 3
- 14.5. Environmental hazards** Environmentally hazardous substance
- 14.6. Special precautions for user** No specific precautions.
- 14.7. Transport in bulk according to Annex II of MARPOL 7 3/78 and the IBC Code** Not available for bulk transport.

## **SECTION 15: Regulatory information**

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

Contents according to (EC) regulation No.648/2004 on detergents:

Nonionic surfactants <5%  
Disinfectant

**15.2. Chemical safety assessment** A chemical safety assessment has not been carried out.

## **SECTION 16: Other information**

Hazard statements relating to ingredients (see section 3)

H225 Highly flammable liquid and vapour

H319 Causes serious eye irritation

H336 May cause drowsiness or dizziness

H315 Causes skin irritation

H410 Very toxic to aquatic life with long lasting effects

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Date of issue: 16 April 2015 Issue number: 1 Date of printing: 20 May 2015

This product should be stored, handled and used in accordance with good industrial practice and in conformity with legal regulations. The information in this data sheet is based on the present state of our knowledge and is intended to describe products from the point of view of safety requirements and thus should not be construed as guaranteeing specific properties. It is for users to satisfy themselves of the suitability of this product for their own applications.

