

**SAFETY DATA SHEET**  
SAFE & KIND

Compilation date: 14/11/2010

Revision date: 09/06/2024

Revision No:8

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

**1.1. Product identifier**

**Product name:** SAFE & KIND  
**Product code:** UNISAF  
**Synonyms: TradeNames:** ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE, BZK, BKC, BAK, ADBAC

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

**Use of substance / mixture:** Alcohol Free Foam Hand Sanitiser. (Foams when used with a foamer pump or dispenser)

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

**Company name:** Uniconomy Ltd  
Unit 1 Carter Buiding, Brookside  
Red Marsh Ind Est  
Thornton Cleveleys  
Lancashire  
FY5 4HP  
UK  
**Tel:** +44 (0) 1253 854050  
Office Hours Only  
**Email:** enquiries@uniconomy.co.uk

**1.4. Emergency telephone number**

**Emergency tel:** 01253 860606 (Office Hours Only)

**Section 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification under CLP:** This product has no classification under CLP.

**2.2. Label elements**

**Label elements:** This product has no label elements.

**2.3. Other hazards**

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

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## Section 3: Composition/information on ingredients

### 3.1. Substances

**Chemical identity:** HAND SANITISER

**Contains:** AQUA, BENZALKONIUM CHLORIDE, GLYCERIN, COCONUT DIETHANOLAMIDE

**Active ingredient:** BENZALKONIUM CHLORIDE CAS:- 8001-54-5

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** The product is designed for use on skin.

**Eye contact:** Bathe the eye with running water for 15 minutes.

**Ingestion:** Do not induce vomiting. Wash out mouth with water. If conscious, give half a litre of water to drink immediately.

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

**Eye contact:** There may be irritation and redness.

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

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Extinguish container with water.

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

**Exposure hazards:** In combustion container may emit toxic fumes of carbon dioxide / carbon monoxide.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing.

## Section 6: Accidental release measures

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

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

### 6.2. Environmental precautions

**Environmental precautions:** Contain the spillage using bunding. Do not discharge into drains or rivers.

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

**Clean-up procedures:** Transfer to a suitable container.

[cont...]

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## 6.4. Reference to other sections

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

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

**Storage conditions:** Keep container tightly closed.

**Suitable packaging:** Polyethylene.

### 7.3. Specific end use(s)

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Workplace exposure limits:** No data available.

### DNEL/PNEC Values

**DNEL / PNEC** No data available.

### 8.2. Exposure controls

## Section 9: Physical and chemical properties

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

**State:** Liquid (Forms a foam when used through a foaming pump or foaming dispenser.)

**Colour:** Clear

**Odour:** Barely perceptible odour

**Evaporation rate:** Moderate

**Oxidising:** Not applicable.

**Solubility in water:** Soluble

**Viscosity:** Non-viscous

**Boiling point/range°C:** 100

**Melting point/range°C:** 0

**Flammability limits %: lower:** Not applicable.

**upper:** Not applicable.

**Flash point°C:** Not applicable.

**Part.coeff. n-octanol/water:** Not applicable.

**Autoflammability°C:** Not applicable.

**Vapour pressure:** Not applicable.

**Relative density:** 1.045

**pH:** 7

**VOC g/l:** Not applicable.

### 9.2. Other information

**Other information:** No data available.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

[cont...]

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## 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.

## 10.4. Conditions to avoid

## 10.5. Incompatible materials

## 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

**Toxicity values:** No data available.

### Symptoms / routes of exposure

**Eye contact:** There may be irritation and redness.

## Section 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity values:** No data available.

### 12.2. Persistence and degradability

**Persistence and degradability:** Biodegradable.

### 12.3. Bioaccumulative potential

### 12.4. Mobility in soil

**Mobility:** 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

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal of packaging:** 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.

[cont...]

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## Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

## Section 16: Other information

### Other information

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

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

**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. Uniconomy Ltd shall not be held liable for any damage resulting from handling or from contact with the above product.