

# PRODUCT DATA SHEET

Application details and Health and Safety Data

Product Code: TK600

## Biosafe

### Bactericidal Hand Cleanser

A bactericidal hand and skin cleanser for use in medical and scientific environments where sanitising action is required. Biosafe is perfume and solvent free and contains skin conditioners for added protection.

This product has been tested on E.coli under dirty conditions and gave a reduction of >log 5 in 1 minute.

#### Directions for use

Suitable for use in many types of liquid soap dispenser. Apply 5 to 10ml to the hands and work in well. Rinse well with water and dry thoroughly. Do not use on irritated or broken skin. Please refer to product safety data sheet before use. Use only as directed.

INGREDIENTS: Aqua, sodium laureth sulphate, cocamidopropyl betaine, sodium chloride, glycerine, triclosan, conditioner, colour.

- Effective bactericidal action
- Contains skin conditioner
- Contains emollient

# CHIP 3 HEALTH AND SAFETY DATA SHEET

## Section 1 Identification of the substance/preparation and company

Product code TK600  
Name: Biosafe  
Intended use: Bactericidal Hand Cleanser  
Supplier: Teknon Products  
Bateman Street  
Derby

DE23 8JL

Phone: 01332 268524 Fax: 01332 295941

Emergency outside office hours tel: 01332 292402

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## Section 2 Composition/information on ingredients

| Material       | CAS number | Level | Hazards (see section 16) |
|----------------|------------|-------|--------------------------|
| See section 16 |            |       |                          |

## Section 3 Hazards identification (Undiluted product)

CHIP classification: This product is not subject to CHIP regulations

Eye hazard: Will cause discomfort.

Skin hazard: Designed for skin contact. No skin hazard in normal use. Very prolonged contact with undiluted p

Respiratory hazard: Not a hazard in normal use.

Flammability hazard: Not combustible.

Other hazards:

## Section 4 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 and seek medical attention if irritation persists.

Inhalation: Not applicable.

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

## Section 5 Fire fighting measures

Not applicable.

## Section 6 Accidental release measures

Absorb using sand or other inert material and transfer to suitable containers for disposal.

Spillage will make floors slippery.

## Section 7 Handling and storage

Store in a cool, dry place protected from frost and away from acids and strong oxidising agents. Store upright in original containers.

Directions Suitable for use in many types of liquid soap dispenser. Apply 5 to 10ml to the hands and work in for use: well. Rinse well with water and dry thoroughly. Do not use on irritated or broken skin. Please refer to product safety data sheet before use. Use only as directed.

INGREDIENTS: Aqua, sodium laureth sulphate, cocamidopropyl betaine, sodium chloride, glycerine, triclosan, conditioner, colour.

Shelf life: 12 months in good conditions

## Section 8 Exposure controls/personal protection

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 to BS EN 166 1F 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.

Occupational exposure limit

## Section 9 Physical and chemical properties

Appearance Blue liquid.

Odour: Mild, characteristic.

pH: 7.4 as supplied (typical).

Boiling point: 100°C.

Melting point: Not applicable.

Flash point: Not applicable.

Auto-ignition temperature: Not applicable.

Explosive properties: Not applicable.

Oxidising properties: Not applicable.

Vapour pressure: 17.5mm Hg at 20°C.

Relative density at 20 C: 1.017

Solubility: Dispersible in water.

Viscosity: Viscous liquid.

## Section 10 Stability and reactivity

Conditions to avoid: Extremes of temperature.

Materials to avoid: Incompatible with strong oxidising agents and acids.

Hazardous decomposition products None known.

## Section 11 Toxicological information

Eye contact: Will cause discomfort.

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.

Long term: Based on current knowledge, no long term effects are anticipated if used correctly.

## Section 12 Ecological information

Water based product. All organic ingredients are biodegradable when well diluted.

This product has microbiocidal properties. Large quantities may affect biological treatment plants.

Volatile organic content: 0 % w/w 0 g/l

## Section 13 Disposal considerations

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

Transport Classification: Not classified

UN number not classified Transport class Packing group:

## Section 15 Regulatory information

CHIP Classification This product is not subject to CHIP regulations

Product risk and safety phrases

S25 Avoid contact with eyes.

S2 Keep out of reach of children.

Relevant UK law: Chemicals (hazard information and packaging) Regulations (CHIP). Control of substances hazardous to health regulations (COSHH, COSHH essentials). For guidance see [www.hse.gov.uk](http://www.hse.gov.uk), [www.dti.gov.uk/chemicals](http://www.dti.gov.uk/chemicals).

## Section 16 Other information

R phrases relating to ingredients (see section 2)

INGREDIENTS: Aqua, sodium laureth sulphate, cocamidopropyl betaine, sodium chloride, glycerine, triclosan, conditioner, colour.

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.