

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

Product name: BIOHYGIENE ALL PURPOSE SANITISER UNFRAGRANCED RTU

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

Use of substance / mixture: Specialised cleaner and natural disinfectant.

1.3. Details of the supplier of the safety data sheet

Company name: BioHygiene
Beaufort Court
Atlantic Wharf
Cardiff
CF10 4AH
United Kingdom
Tel: +44 (0) 29 2067 4094
Email: info@biohygiene.co.uk

1.4. Emergency telephone number

Emergency tel: +44 (0) 29 2067 4094 (9am - 5pm)

Section 2: Hazards identification**2.1. Classification of the substance or mixture**

Classification under CLP: Eye Irrit. 2: H319

Most important adverse effects: Causes serious eye irritation.

2.2. Label elements**Label elements:**

Hazard statements: H319: Causes serious eye irritation.

Hazard pictograms: GHS07: Exclamation mark



Signal words: Warning

Precautionary statements: P262: Do not get in eyes, on skin, or on clothing.
P302+P350: IF ON SKIN: Gently wash with plenty of soap and water.
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.

2.3. Other hazards

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

SAFETY DATA SHEET

BIOHYGIENE ALL PURPOSE SANITISER UNFRAGRANCED RTU

Page: 2

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

LACTIC ACID

| EINECS | CAS | PBT / WEL | CLP Classification | Percent |
|-----------|---------|-----------|---------------------------------------|---------|
| 201-196-2 | 79-33-4 | - | Skin Irrit. 2: H315; Eye Dam. 1: H318 | 1-5% |

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Immediately flush eyes with water for at least 15 minutes and seek medical attention if irritation develops.

Ingestion: Rinse mouth and throat with water and give sips of water to drink. If symptoms persist, get medical attention.

Inhalation: Remove victim to fresh air.

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. There may be pain and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Eye bathing equipment should be available on the premises.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Not applicable.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

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.

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SAFETY DATA SHEET

BIOHYGIENE ALL PURPOSE SANITISER UNFRAGRANCED RTU

Page: 3

6.2. Environmental precautions

Environmental precautions: No special environmental concerns.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Wash the spillage site with large amounts of water.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Not applicable.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

Specific end use(s): No data available.

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

Engineering measures: Not applicable.

Respiratory protection: Respiratory protection not required.

Hand protection: Wear gloves if prolonged contact with product is likely.

Eye protection: Avoid contact with the eyes. Spray away from the face.

Skin protection: Not applicable.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Odour: Odourless

Evaporation rate: No data available.

Oxidising: No data available.

Solubility in water: Soluble

Viscosity: No data available.

Boiling point/range°C: >100

Melting point/range°C: >0

Flammability limits %: lower: No data available.

upper: No data available.

Flash point°C: No data available.

Part.coeff. n-octanol/water: No data available.

Autoflammability°C: No data available.

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SAFETY DATA SHEET

BIOHYGIENE ALL PURPOSE SANITISER UNFRAGRANCED RTU

Page: 4

Vapour pressure: No data available.**Relative density:** 1.01 g/cm³**pH:** 2-3**VOC g/l:** No data available.**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.**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. Decomposition may occur on exposure to conditions or materials listed below.**10.4. Conditions to avoid****Conditions to avoid:** Heat.**10.5. Incompatible materials****Materials to avoid:** Strong oxidising agents.**10.6. Hazardous decomposition products****Haz. decomp. products:** No data available.**Section 11: Toxicological information****11.1. Information on toxicological effects****Relevant hazards for product:**

| Hazard | Route | Basis |
|-------------------------------|-------|-----------------------|
| Serious eye damage/irritation | OPT | Hazardous: calculated |

Excluded hazards for substance:

| Hazard | Route | Basis |
|--------------------------------|-------|-----------------------|
| Acute toxicity (ac. tox. 4) | - | No hazard: calculated |
| Acute toxicity (ac. tox. 3) | - | No hazard: calculated |
| Acute toxicity (ac. tox. 2) | - | No hazard: calculated |
| Acute toxicity (ac. tox. 1) | - | No hazard: calculated |
| Skin corrosion/irritation | - | No hazard: calculated |
| Respiratory/skin sensitisation | - | No hazard: calculated |

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SAFETY DATA SHEET

BIOHYGIENE ALL PURPOSE SANITISER UNFRAGRANCED RTU

Page: 5

| | | |
|------------------------|---|-----------------------|
| Germ cell mutagenicity | - | No hazard: calculated |
| Carcinogenicity | - | No hazard: calculated |
| Reproductive toxicity | - | No hazard: calculated |
| STOT-single exposure | - | No hazard: calculated |
| STOT-repeated exposure | - | No hazard: calculated |
| Aspiration hazard | - | No hazard: calculated |

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. There may be pain and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

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

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Small amounts of unwanted product may be flushed with water to sewer.

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.

Section 15: Regulatory information

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SAFETY DATA SHEET

BIOHYGIENE ALL PURPOSE SANITISER UNFRAGRANCED RTU

Page: 6

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

Specific regulations: Not applicable.

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 2015/830.

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

Phrases used in s.2 and s.3: H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

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. This company shall not be held liable for any damage resulting from handling or from contact with the above product.