

**SAFETY DATA SHEET**  
BIOHYGIENE SOFT FABRIC CLEANER

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Revision No: 1

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

### 1.1. Product identifier

**Product name:** BIOHYGIENE SOFT FABRIC CLEANER

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

**Use of substance / mixture:** Concentrated biological preparation for breaking down protein-based waste residues, thereby reducing attendant malodours and removing stains from carpets and soft furnishings.

### 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:** [general@biohygiene.co.uk](mailto:general@biohygiene.co.uk)

### 1.4. Emergency telephone number

**Emergency tel:** + 44 (0) 29 2067 4094 (8am-5pm)

## Section 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification under CLP:** Eye Irrit. 2: H319; -: EUH208

**Most important adverse effects:** Causes serious eye irritation. Contains subtilisin, 1,2-benzisothiazolin-3-one. May produce an allergic reaction.

### 2.2. Label elements

**Label elements:**

**Hazard statements:** H319: Causes serious eye irritation.

EUH208: Contains subtilisin, 1,2-benzisothiazolin-3-one. May produce an allergic reaction.

**Hazard pictograms:** GHS07: Exclamation mark



**Signal words:** Warning

[cont...]

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**Precautionary statements:** P102: Keep out of reach of children.  
P262: Do not get in eyes, on skin, or on clothing.  
P264: Wash hands thoroughly after handling.  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+313: If eye irritation persists: Get medical attention.

### 2.3. Other hazards

**Other hazards:** Contains enzymes. May produce an allergic reaction. Use in a well ventilated area. Avoid breathing product spray.

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

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

**Hazardous ingredients:**

PROPANE-1,2-DIOL - REACH registered number(s): 01-2119457558-25

| EINECS    | CAS     | PBT / WEL                                            | CLP Classification | Percent |
|-----------|---------|------------------------------------------------------|--------------------|---------|
| 200-338-0 | 57-55-6 | Substance with a Community workplace exposure limit. | -                  | 3-10%   |

PROPAN-2-OL

|           |         |   |                                                         |       |
|-----------|---------|---|---------------------------------------------------------|-------|
| 200-661-7 | 67-63-0 | - | Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336 | 3-10% |
|-----------|---------|---|---------------------------------------------------------|-------|

ALCOHOLS C9-C11 ETHOXYLATED

|   |            |   |                                      |      |
|---|------------|---|--------------------------------------|------|
| - | 68439-45-2 | - | Acute Tox. 4: H302; Eye Dam. 1: H318 | 1-3% |
|---|------------|---|--------------------------------------|------|

SUBTILISIN

|           |           |   |                                                                                                    |        |
|-----------|-----------|---|----------------------------------------------------------------------------------------------------|--------|
| 232-752-2 | 9014-01-1 | - | STOT SE 3: H335; Skin Irrit. 2: H315; Eye Dam. 1: H318; Resp. Sens. 1: H334; Aquatic Acute 1: H400 | 0.1-1% |
|-----------|-----------|---|----------------------------------------------------------------------------------------------------|--------|

## Section 4: First aid measures

### 4.1. Description of first aid measures

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

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

**Ingestion:** Rinse mouth and throat with water and give sips of water to drink.

**Inhalation:** Remove victim to fresh air and seek medical attention if symptoms occur.

### 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. 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.

### 6.2. Environmental precautions

**Environmental precautions:** No special environmental concerns.

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

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

### 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:** Ensure there is sufficient ventilation of the area.

### 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

**Hazardous ingredients:**

**PROPANE-1,2-DIOL**

**Workplace exposure limits:**

**Respirable dust**

| State | 8 hour TWA | 15 min. STEL | 8 hour TWA            | 15 min. STEL |
|-------|------------|--------------|-----------------------|--------------|
| EU    | -          | -            | 474 mg/m <sup>3</sup> | -            |

### DNEL/PNEC Values

**DNEL / PNEC** No data available.

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## 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Respiratory protection not required. Use in a well ventilated area.

**Hand protection:** Not applicable.

**Eye protection:** Avoid contact with the eyes.

**Skin protection:** Not applicable.

## Section 9: Physical and chemical properties

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

**State:** Liquid

**Colour:** Clear/Pale brown

**Odour:** Pleasant

**Evaporation rate:** Not applicable.

**Oxidising:** Not applicable.

**Solubility in water:** Soluble

**Viscosity:** Not applicable.

**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:** 1.02 g/cm<sup>3</sup>

**pH:** 6-8

**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.

### 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. Strong acids.

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** No data available.

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## Section 11: Toxicological information

### 11.1. Information on toxicological effects

#### Hazardous ingredients:

##### PROPAN-2-OL

|     |     |      |      |       |
|-----|-----|------|------|-------|
| IVN | RAT | LD50 | 1088 | mg/kg |
| ORL | MUS | LD50 | 3600 | mg/kg |
| ORL | RAT | LD50 | 5045 | mg/kg |
| SCU | MUS | LDLO | 6    | gm/kg |

##### SUBTILISIN

|     |     |      |      |       |
|-----|-----|------|------|-------|
| ORL | RAT | LD50 | 3700 | mg/kg |
|-----|-----|------|------|-------|

#### 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 |
| 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. 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.

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**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.

**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.

**Section 15: Regulatory information**

**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:** EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

H225: Highly flammable liquid and vapour.

H302: Harmful if swallowed.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335: May cause respiratory irritation.

H336: May cause drowsiness or dizziness.

H400: Very toxic to aquatic life.

**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.