



## SAFETY DATA SHEET CLENSAN® 1 LITRE SPRAY

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

#### 1.1. Product identifier

**Product name** CLENSAN® 1 LITRE SPRAY

**Product number** B125

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

**Identified uses** A ready-to-use bactericidal detergent sanitiser and deodoriser for use on carpets, upholstery, floors and hard surfaces. Clensan's biocidal formula is approved to EN1276 and is effective against a wide range of harmful organisms including bacteria and viruses.

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

**Supplier** www.prochem.co.uk  
Prochem Europe Ltd  
Oakcroft Road  
Chessington  
Surrey  
KT9 1RH  
Telephone: 020 8974 1515 (office hours 8am to 5pm Monday to Friday)  
Fax: 020 8974 1511  
sales@prochem.co.uk

#### 1.4. Emergency telephone number

**Emergency telephone** 24 hr emergency number +44 1235 239670.  
Emergency Action: In the event of a medical enquiry involving this product, please contact your doctor or local hospital accident and emergency department, who may seek advice from the UK National Poisons Information Service, where our full product details are held. For Republic of Ireland contact the NPIC: 01 837 9964 or 01 809 2566.

### SECTION 2: Hazards identification

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

##### Classification (EC 1272/2008)

**Physical hazards** Not Classified

**Health hazards** Not Classified

**Environmental hazards** Not Classified

**Human health** May irritate eyes. Prolonged skin contact may cause temporary irritation. Excessive inhalation of spray, mist or vapour may cause temporary respiratory irritation. Ingestion may cause: Nausea, vomiting, systemic effects

**Environmental** The product is expected to be biodegradable. The product is not expected to be hazardous to the environment.

#### 2.2. Label elements

**Hazard statements** NC Not Classified

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<b>Precautionary statements</b>	<p>P102 Keep out of reach of children.</p> <p>P262 Do not get in eyes, on skin, or on clothing.</p> <p>P280 Wear protective gloves.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P313 Get medical advice/ attention.</p>
<b>Detergent labelling</b>	< 5% disinfectants, < 5% perfumes

### 2.3. Other hazards

See section 8 for details of exposure limits.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>Composition comments</b>	No classified ingredients, or those having occupational exposure limits, present above the levels of disclosure.
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## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>Inhalation</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Never give anything by mouth to an unconscious person. Get medical attention.
<b>Skin contact</b>	Wash with plenty of water. Get medical attention if any discomfort continues.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention.

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

<b>Skin contact</b>	Prolonged or repeated exposure may cause the following adverse effects: Skin irritation.
<b>Eye contact</b>	May irritate eyes.

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

<b>Notes for the doctor</b>	Treat symptomatically.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	The product is not flammable. Extinguish with the following media: Water spray, dry powder or carbon dioxide.
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### 5.2. Special hazards arising from the substance or mixture

<b>Specific hazards</b>	No unusual fire or explosion hazards noted.
<b>Hazardous combustion products</b>	Thermal decomposition or combustion products may include the following substances: Oxides of carbon.

### 5.3. Advice for firefighters

<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
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## SECTION 6: Accidental release measures

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

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**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground.

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

**Methods for cleaning up** Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. Collect and dispose of spillage as indicated in Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Wear protective clothing as described in Section 8 of this safety data sheet. Avoid inhalation of vapours and spray/mists. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.

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

**Storage precautions** Store in closed original container at temperatures between 5°C and 30°C. Keep out of the reach of children.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

**Ingredient comments** No exposure limits known for ingredient(s).

### 8.2. Exposure controls

#### Protective equipment



**Appropriate engineering controls** Provide adequate ventilation.

**Eye/face protection** Side shield safety glasses are recommended when handling concentrate or during spray application.

**Hand protection** Wear protective gloves. It is recommended that gloves are made of the following material: Nitrile rubber. Protective gloves should be inspected for wear before use and replaced regularly in accordance with the manufacturers specifications.

**Hygiene measures** Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.

**Respiratory protection** For situations where recommended exposure limits may be exceeded or where there is a risk of inhalation of fine spray mists, a suitable respirator face mask is recommended.

## SECTION 9: Physical and chemical properties

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

## CLENSAN® 1 LITRE SPRAY

<b>Appearance</b>	Colourless liquid.
<b>Odour</b>	Herbal Lemon.
<b>Odour threshold</b>	Not determined.
<b>pH</b>	pH (diluted solution): 6
<b>Initial boiling point and range</b>	100°C
<b>Flash point</b>	Not applicable.
<b>Evaporation rate</b>	Not determined.
<b>Upper/lower flammability or explosive limits</b>	Not applicable.
<b>Vapour pressure</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Relative density</b>	1.0
<b>Solubility(ies)</b>	Soluble in water.
<b>Partition coefficient</b>	Not determined.
<b>Viscosity</b>	Not determined.
<b>Explosive properties</b>	Not applicable.
<b>Oxidising properties</b>	Not applicable.

### 9.2. Other information

**Other information**                      None known.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity**                              There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

**Stability**                                Stable at normal ambient temperatures and when used as recommended. Product is deactivated by anionic cleaning agents.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions**                      Not determined.

### 10.4. Conditions to avoid

**Conditions to avoid**                      Store in closed original container at temperatures between 5°C and 30°C. Protect from freezing and direct sunlight.

### 10.5. Incompatible materials

**Materials to avoid**                      Strong oxidising agents. anionic surfactants

### 10.6. Hazardous decomposition products

**Hazardous decomposition products**                      Thermal decomposition or combustion products may include the following substances: Oxides of carbon.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

## CLENSAN® 1 LITRE SPRAY

**Toxicological effects**                      Ingestion may cause: Nausea, vomiting. systemic effects

**Skin corrosion/irritation**

**Skin corrosion/irritation**                      Prolonged or repeated exposure may cause the following adverse effects: skin irritation and dermatitis.

**Serious eye damage/irritation**

**Serious eye damage/irritation**                      May irritate eyes.

**Skin sensitisation**

**Skin sensitisation**                                      None known.

**Germ cell mutagenicity**

**Genotoxicity - in vivo**                              No effects expected based upon current data.

**Carcinogenicity**

**Carcinogenicity**                                      No effects expected based upon current data.

**Reproductive toxicity**

**Reproductive toxicity - fertility**                      No effects expected based upon current data.

**Toxicological information on ingredients.**

**Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides**

**Acute toxicity - oral**

**Acute toxicity oral (LD<sub>50</sub> mg/kg)**                      344.0

**Species**    Rat

**ATE oral (mg/kg)**                                      344.0

**Acute toxicity - dermal**

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)**                      3,340.0

**Species**    Rabbit

**ATE dermal (mg/kg)**                                      3,340.0

**Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides**

**Acute toxicity - dermal**

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)**                      3,340.0

**Species**    Rabbit

**SECTION 12: Ecological information**

**12.1. Toxicity**

**Ecological information on ingredients.**

**Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides**

**Acute aquatic toxicity**

**LE(C)<sub>50</sub>**    0.01 < L(E)C50 ≤ 0.1

**M factor (Acute)**                                      10

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<b>Acute toxicity - fish</b>	LC50, 96 hours: 0.28 mg/l, Pimephales promelas (Fat-head Minnow)
<b>Acute toxicity - aquatic invertebrates</b>	EC <sub>50</sub> , 48 hours: 0.016 mg/l, Daphnia magna
<b>Acute toxicity - aquatic plants</b>	EC <sub>50</sub> , 72 hours: 0.049 mg/l, Scenedesmus subspicatus
<b><u>Chronic aquatic toxicity</u></b>	
<b>NOEC</b>	0.001 < NOEC ≤ 0.01
<b>Degradability</b>	Rapidly degradable
<b>M factor (Chronic)</b>	1

### Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides

<b><u>Acute aquatic toxicity</u></b>	
<b>LE(C)<sub>50</sub></b>	0.01 < L(E)C <sub>50</sub> ≤ 0.1
<b>M factor (Acute)</b>	10
<b>Acute toxicity - fish</b>	LC50, 96 hours: 0.28 mg/l, Pimephales promelas (Fat-head Minnow)
<b>Acute toxicity - aquatic invertebrates</b>	EC <sub>50</sub> , 48 hours: 0.016 mg/l, Daphnia magna
<b>Acute toxicity - aquatic plants</b>	EC <sub>50</sub> , 72 hours: 0.049 mg/l, Scenedesmus subspicatus
<b><u>Chronic aquatic toxicity</u></b>	
<b>M factor (Chronic)</b>	1

### 12.2. Persistence and degradability

**Persistence and degradability** The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request, or at the request of a detergent manufacturer.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** The product does not contain any substances expected to be bioaccumulating.

**Partition coefficient** Not determined.

### 12.4. Mobility in soil

**Mobility** The product is soluble in water.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

## CLENSAN® 1 LITRE SPRAY

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Empty containers should be rinsed with water then crushed and disposed of at legal waste disposal site.

### SECTION 14: Transport information

#### 14.1. UN number

Not classified for transportation.

#### 14.2. UN proper shipping name

None.

#### 14.3. Transport hazard class(es)

ADR/RID class -

IMDG class -

#### 14.4. Packing group

None.

#### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

#### 14.6. Special precautions for user

None.

#### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

Annex II of MARPOL 73/78 and the IBC Code

### SECTION 15: Regulatory information

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

##### **National regulations**

REACH Regulation UK SI 2019/758, as amended, and UK SI 2020/1577.  
GB-CLP Regulation, UK SI 2019/720 and UK SI 2020/1567.  
Detergents (Amendment) (EU Exit) Regulations UK SI 2020/1617.  
The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).

##### **EU legislation**

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).  
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

**General information** Telephone 020 8974 1515

**Revision comments** NOTE: Lines within the margin indicate significant changes from the previous revision.

## CLENSAN® 1 LITRE SPRAY

<b>Revision date</b>	17/05/2021
<b>Revision</b>	4
<b>Supersedes date</b>	09/12/2016
<b>Signature</b>	Aaron Saunders

For additional information on safety, training and use of this product, contact the supplier. This product is intended for professional use only. The information given is intended to be of assistance to users but is without guarantee. Variations can occur in application and users are advised to conduct their own tests. Suggestions for use neither give nor imply any guarantee as to the intended use.