



**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 sanitiser and deodoriser, specially formulated for use on carpet fibres and fabrics. Clensan's new biocidal formula is approved to EN1276 for direct spray treatment 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  
Fax: 020 8974 1511  
sales@prochem.co.uk

**1.4. Emergency telephone number**

**Emergency telephone**        020 8974 1515 (office hours 8am to 5pm Monday to Friday)   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.

**SECTION 2: Hazards identification**

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

**Classification**

**Physical hazards**

Not Classified

**Health hazards**

Not Classified

**Environmental hazards**

Not Classified

**Classification (67/548/EEC or 1999/45/EC)**

**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.

## CLENSAN® 1 LITRE SPRAY

### 2.2. Label elements

#### Hazard statements

NC Not Classified

#### Precautionary statements

P102 Keep out of reach of children.

P262 Do not get in eyes, on skin, or on clothing.

P280 Wear protective gloves.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P313 Get medical advice/attention.

#### Detergent labelling

< 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

#### Composition comments

No classified ingredients, or those having occupational exposure limits, present above the levels of disclosure.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### Inhalation

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.

#### Ingestion

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.

#### Skin contact

Wash with plenty of water. Get medical attention if any discomfort continues.

#### Eye contact

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

#### Skin contact

Prolonged or repeated exposure may cause the following adverse effects: Skin irritation.

#### Eye contact

May irritate eyes.

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

#### Notes for the doctor

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

The product is not flammable. Extinguish with the following media: Water spray, dry powder or carbon dioxide.

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

#### Specific hazards

No unusual fire or explosion hazards noted.

## CLENSAN® 1 LITRE SPRAY

### Hazardous combustion products

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

### 5.3. Advice for firefighters

#### Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## SECTION 6: Accidental release measures

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

#### 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

#### Occupational exposure limits

#### 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.

## CLENSAN® 1 LITRE SPRAY

### 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.

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## SECTION 9: Physical and Chemical Properties

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

#### Appearance

Colourless liquid.

#### Odour

Herbal Lemon.

#### Odour threshold

Not determined.

#### pH

pH (diluted solution): 6

#### Initial boiling point and range

100°C

#### Flash point

Not applicable.

#### Evaporation rate

Not determined.

#### Upper/lower flammability or explosive limits

Not applicable.

#### Vapour pressure

Not determined.

#### Vapour density

Not determined.

#### Relative density

1.0

#### Solubility(ies)

Soluble in water.

#### Partition coefficient

Not determined.

#### Viscosity

Not determined.

#### Explosive properties

Not applicable.

#### Oxidising properties

Not applicable.

### 9.2. Other information

#### Other information

None known.

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## SECTION 10: Stability and reactivity

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## CLENSAN® 1 LITRE SPRAY

### **10.1. 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**

Not determined.

### **10.4. 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**

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

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## **SECTION 11: Toxicological information**

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### **11.1. Information on toxicological effects**

#### **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**

May irritate eyes.

#### **Skin sensitisation**

None known.

#### **Germ cell mutagenicity**

##### **Genotoxicity - in vivo**

No effects expected based upon current data.

#### **Carcinogenicity**

No effects expected based upon current data.

#### **Reproductive toxicity**

##### **Reproductive toxicity - fertility**

No effects expected based upon current data.

## CLENSAN® 1 LITRE SPRAY

### Toxicological information on ingredients.

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

##### Acute toxicity - dermal

Acute toxicity dermal (LD50 mg/kg)

3340

Species

Rabbit

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

##### Acute toxicity - oral

Acute toxicity oral (LD50 mg/kg)

344.0

Species

Rat

ATE oral (mg/kg)

344.0

##### Acute toxicity - dermal

Acute toxicity dermal (LD50 mg/kg)

3340.0

Species

Rabbit

ATE dermal (mg/kg)

3340.0

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## SECTION 12: Ecological Information

### 12.1. Toxicity

## CLENSAN® 1 LITRE SPRAY

### Ecological information on ingredients.

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

##### Acute aquatic toxicity

###### LE(C)<sub>50</sub>

0.01 < L(E)C<sub>50</sub> ≤ 0.1

###### M factor (Acute)

10

###### Acute toxicity - fish

LC<sub>50</sub>, 96 hours: 0.28 mg/l, Pimephales promelas (Fat-head Minnow)

###### Acute toxicity - aquatic invertebrates

EC<sub>50</sub>, 48 hours: 0.016 mg/l, Daphnia magna

###### Acute toxicity - aquatic plants

EC<sub>50</sub>, 72 hours: 0.049 mg/l, Scenedesmus subspicatus

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

##### Acute aquatic toxicity

###### LE(C)<sub>50</sub>

0.01 < L(E)C<sub>50</sub> ≤ 0.1

###### M factor (Acute)

10

###### Acute toxicity - fish

LC<sub>50</sub>, 96 hours: 0.28 mg/l, Pimephales promelas (Fat-head Minnow)

###### Acute toxicity - aquatic invertebrates

EC<sub>50</sub>, 48 hours: 0.016 mg/l, Daphnia magna

###### Acute toxicity - aquatic plants

EC<sub>50</sub>, 72 hours: 0.049 mg/l, Scenedesmus subspicatus

##### Chronic aquatic toxicity

###### NOEC

0.001 < NOEC ≤ 0.01

###### Degradability

Rapidly degradable

###### M factor (Chronic)

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

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

This product does not contain any substances classified as PBT or vPvB.

**CLENSAN® 1 LITRE SPRAY****12.6. Other adverse effects**

None known.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****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 MARPOL73/78 and the IBC Code**

Not applicable.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations**

The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended). The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

**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.

Revision date 26/03/2015



**CLENSAN® 1 LITRE SPRAY**

<b>Revision</b>	2
<b>Supersedes date</b>	08/05/2012
<b>Signature</b>	Aaron Saunders
<b>Risk phrases in full</b>	NC Not classified.

**Disclaimer**

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.