



## Product Specification &

# SAFETY DATA SHEET

CHIP / EC FORMAT 91/155/EEC AMD 93/112/EC AMD 2001/58/EC



## B125 CLEMSAN<sup>®</sup> 1 LITRE SPRAY

### SECTION 1: IDENTIFICATION OF THE PREPARATION AND COMPANY

**Product Name:** CLEMSAN<sup>®</sup> 1 LITRE SPRAY **Product Code:** B125  
**Manufacturer:** Prochem Europe Ltd., Oakcroft Road, Chessington, Surrey KT9 1RH, UK. Telephone No: 020 8974 1515 (UK) +44 20 8974 1515 (EC) Chemical Product Manager E, H & S

Website: [www.prochem.co.uk](http://www.prochem.co.uk) Email: [sales@prochem.co.uk](mailto:sales@prochem.co.uk)

**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.

#### Product Description & Directions For Use:

A ready-to-use bactericidal sanitiser and deodoriser, specially formulated for use on carpet fibres and fabrics. Clemsan is designed to eliminate odours caused by moulds, mildew, food, drink, urine, pet odours and bacteria. Scrape or blot up any excess soiling. Heavy soiling should be thoroughly cleaned and rinsed before the application of Clemsan.

**Always pretest carpet or fabric for colour fastness and texture change before proceeding.**

Apply by sprayer to affected areas and leave for 5 minutes contact time.

Rinse area with water then blot with white towel or tissue and brush to align fibres.

### SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE	RISK (See Section 16)	EINECS NO.	CAS NO.	% W/W (EC RANGE)
Propan-2-ol	F R11 Xi R36 R67	200-661-7	67-63-0	Less than 0.01%

### SECTION 3: HAZARDS IDENTIFICATION

**Classification:** Not classified.

**Eye Contact:** Contact with concentrate may produce moderate eye irritation.

**Skin Contact:** Prolonged or repeated contact may cause irritation.

**Inhalation:** None expected. Breathing fine spray mists may cause temporary irritation of the nose and throat.

**Ingestion:** Deliberate ingestion may produce nausea, vomiting, internal irritation and possible systemic effects.

**Environment:** Raw materials will biodegrade. See Ecological Information for further details.

### SECTION 4: FIRST AID MEASURES

**Eye Contact:** Flush immediately with water for 15 minutes, then seek medical attention.

**Skin Contact:** Wash skin with soap and water. Seek medical attention if any skin irritation persists.

**Inhalation:** Get fresh air and seek medical assistance if breathing irritation persists.

**Ingestion:** If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. If injured party is conscious, give two glasses of water. Seek medical attention.

### SECTION 5: FIRE FIGHTING MEASURES

**Extinguishing Media:** Product is not flammable. Use water, carbon dioxide, dry powder extinguisher, or other media appropriate for materials actually involved in fire.

**Fire/Explosion Hazards:** No explosion hazard.

**Decomposition Products:** Exposure to fire may liberate carbon dioxide, carbon monoxide, water and other unidentified thermal decomposition products from this product or its packaging.

**Special Protective Equipment:** Self contained breathing apparatus if large amounts involved.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal Protection:** Protective clothing, nitrile butyl rubber gloves, chemical splash goggles.

**Containment and Disposal:** Large spills should be treated with dry absorbent and disposed at legal waste disposal site. Very small spills can be flushed with water to sewage drain linked to waste treatment facility.

### SECTION 7: HANDLING AND STORAGE

**Handling Precautions:** Wear nitrile butyl rubber gloves and safety glasses when handling concentrate. Wear respirator mask when spraying large amounts. Avoid breathing atomised spray.

**Storage Precautions:** Avoid extremes of temperature. Keep out of reach of children. Keep in original container.

### SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Limits:** Propan-2-ol WEL-LTEL 400ppm WEL-STEL 500ppm

**Environmental Controls:** For additional guidance, contact ENVIROWISE at [www.envirowise.gov.uk](http://www.envirowise.gov.uk) or telephone 0800 585794

**Eye Protection:** Side shield safety glasses are recommended when handling concentrate and spraying.

**Protective Clothing:** Standard work clothing and nitrile butyl rubber gloves. Protective gloves should be inspected for wear before use and replaced regularly in accordance with the manufacturers specifications.

**Respiratory Protection:** Not normally required. A respirator mask is recommended if spraying for extended periods.  
**Ventilation:** Normal air circulation. Allow adequate ventilation in enclosed areas.  
**Hygiene:** Wash hands and clothing after use or spill. Do not eat or drink when handling or spraying.

#### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance/Colour/State:** Moderate foam colourless liquid  
**Odour:** Herbal lemon  
**pH Concentrate:** Not applicable **pH Diluted:** 7.5  
**Boiling Point / Range °C:** 100  
**Flash Point °C:** None **Method:** Not applicable  
**Flammability Limit %:** Not applicable  
**Explosive Properties:** Not applicable  
**Oxidising Properties:** Not applicable  
**Vapour Pressure:** Not determined  
**Relative Density (Water = 1):** 1.00 **Solubility:** 100%  
**Partition Coefficient (N-octanol / Water):** Not determined  
**Viscosity:** Not determined  
**Vapour Density:** Not determined  
**Evaporation Rate:** Not determined  
**% Active:** 3  
**% Solids:** 1

#### **SECTION 10: STABILITY AND REACTIVITY**

**Stability:** Stable  
**Conditions to Avoid:** Extremes of temperature. Product is deactivated by anionic cleaning agents.  
**Incompatibility (Materials to Avoid):** Strong oxidising agents and anionic detergents.  
**Hazardous Decomposition Products:** Exposure to fire may liberate carbon dioxide, carbon monoxide, water, small and other unidentified thermal decomposition products from this product or its packaging.

#### **SECTION 11: TOXICOLOGICAL INFORMATION**

**Eye Contact:** Contact with concentrate may produce moderate irritation if not promptly rinsed.  
**Skin Contact:** Possible mild irritation from prolonged or repeated contact.  
**Inhalation:** No health effects expected other than possible temporary irritation of respiratory tract.  
**Ingestion:** Biocide has low order of toxicity and is present in very small amounts.  
**Acute and Chronic Effects:**  
**Acute Toxicity:** The following toxicological data refers to the biocide used in this product:  
LD50 778mg/Kg (Oral-rat)  
**Corrosivity / Irritation:** Skin, eye and respiratory.  
**Sensitisation:** None known.  
**Repeated Dose Toxicity:** Not established.  
**Mutagenicity:** None  
**Carcinogenicity:** None  
**Teratogenicity:** None

#### **SECTION 12: ECOLOGICAL INFORMATION**

**Ecotoxicity:** The following ecotoxicological data refers to the biocide used in this product:  
LC50 (Zebra Fish) 0.71mg/l 96h  
EC50 (Bacteria) 10-100mg/l  
**Mobility:** Soluble in water.  
**Persistence and Degradability:** The raw material ingredients in this product are biodegradable within the scope of current EC legislation. The surfactant(s) contained in this preparation 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.  
The major packaging materials of polyethylene and fibreboard are recyclable.  
**Bioaccumulative Potential:** Not known.  
**Other Effects:** None known or no relevant data available for substances in this preparation.

#### **SECTION 13: DISPOSAL CONSIDERATIONS**

Waste cleaning effluent should be disposed of in accordance with regional and national requirements.  
Empty containers should be rinsed with water then crushed and disposed of at legal waste disposal site.  
Contact local Environment Agency office for waste holder requirements.

#### **SECTION 14: TRANSPORT INFORMATION**

**UN No:** None  
**Classification:** Not classified as hazardous for transport  
**Proper Shipping Name:** None  
**Packing Group:** None  
**Road (ADR):** None  
**Sea (IMDG):** None  
**Air (ICAO / IATA):** None  
**Rail (RID):** None

#### **SECTION 15: REGULATORY INFORMATION**

**Classification**  
Not classified as hazardous for supply  
**Risk Phrases**  
None  
**Safety Phrases**  
S2 Keep out of the reach of children.  
S24/25 Avoid contact with skin and eyes.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S37 Wear suitable gloves.  
S46 If swallowed, seek medical advice immediately and show this container or label.

The information given has been compiled with reference to the **CHEMICALS (HAZARD INFORMATION AND PACKAGING FOR SUPPLY) REGULATIONS (CHIP 3) 2002** (as amended), the **CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS (COSHH) 2002** (as amended), **REGULATION (EC) NO. 648/2004 ON DETERGENTS** (as amended) and the **MANAGEMENT OF HEALTH AND SAFETY AT WORK REGULATIONS 1999** (as amended).

This safety data sheet does not constitute the users own assessment of workplace risk as required by other health and safety regulations.

#### **SECTION 16: OTHER INFORMATION**

**Risk Phrases:** R11 Highly flammable. R36 Irritating to eyes. R67 Vapours may cause drowsiness and dizziness.  
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.  
**Revisions:** Replaces SDS B125 Issue / Revision Date 01/03/04  
Revised Sections: 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 13, 15, 16