



## Product Specification &

# SAFETY DATA SHEET

CHIP / EC FORMAT (EC) 1907/2006



### E157

## NATURAL CARPET RINSE

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Product Name:** NATURAL CARPET RINSE      **Product Code:** E157  
**Manufacturer:** Prochem Europe Ltd., Oakcroft Road, Chessington, Surrey KT9 1RH, UK. Telephone No (office hours 8am to 5pm, Monday to Friday only): 020 8974 1515 (UK) +44 20 8974 1515 (EC) Chemical Product Manager E, H & S Website: www.prochem.co.uk Email: 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:

Conforms to Design for the Environment formula guidelines.  
 Awarded Carpet & Rug Institute Gold-level cleaning performance.  
 WOOLSAFE approved maintenance product for wool carpets and rugs.  
 Biodegradable, phosphate-free and VOC compliant.  
 Neutralizes alkaline residues - safe for all types of carpet, including wool and stain-resistant nylon.  
 Polymer encapsulation technology leaves no sticky residues to attract soil.  
 Contains natural lemongrass, eucalyptus and tea tree oil fragrance.  
 Always pre-test carpet for colourfastness with diluted solution in an inconspicuous area before proceeding. Vacuum carpet thoroughly, to remove dry soil. Treat spots and stains with Natural Carpet Spotter according to label instructions. Pre-treat heavily soiled areas and traffic lanes with Natural Carpet Pre-Spray according to label instructions. Do not mix Natural Carpet Rinse with other cleaning agents.  
**Portable machines:** Dilute 100ml Natural Carpet Rinse per 10 litres of warm to hot water (1:100) in the machine solution tank.  
**Truck mount units:** Mix 2.5 litres of Natural Carpet Rinse per 20 litres of warm water (1:8) to make truck mount concentrate for use in chemical injection system. Set flow meter at 2 to 4 gph, depending on soil conditions.



### SECTION 2: HAZARDS IDENTIFICATION

**Classification:** Not classified as hazardous.

**Eye Contact:** Contact with concentrate may cause eye irritation.

**Skin Contact:** Prolonged contact with concentrate may cause irritation.

**Inhalation:** None expected. Exposure to fine spray mists may cause mild irritation of the nose and throat.

**Ingestion:** Ingestion of concentrate may produce nausea and irritation due to acidity.

**Environment:** Raw materials are biodegradable. See Ecological Information for further details.

### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

| SUBSTANCE        | RISK (See Section 16) | EINECS NO. | CAS NO.   | % W/W (EC RANGE) |
|------------------|-----------------------|------------|-----------|------------------|
| Citric acid      | Xi R36/37/38          | 201-069-1  | 5949-29-1 | Less than 5%     |
| Disodium maleate | Xi R36                | 206-738-1  | 371-47-1  | Less than 5%     |

### SECTION 4: FIRST AID MEASURES

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

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

**Inhalation:** Get fresh air and seek medical assistance if breathing is difficult.

**Ingestion:** If small amounts are ingested, drink water and seek immediate medical attention. Do not give anything by mouth if patient is unconscious. DO NOT induce vomiting unless directed to do so by medical personnel.

### 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 hazards.

**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 for large amounts involved in fire.

### 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. 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.

**Storage Precautions:** Avoid extremes of temperature. Keep out of reach of children. Keep in original container. Store in a cool well ventilated place away from strong oxidising or alkaline products.

#### **SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Exposure Limits:** Occupational exposure limits not assigned by HSE EH40 or ACGIH.

**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 or during spray application.

**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. 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.

**Ventilation:** Normal air circulation.

**Hygiene:** Wash hands and clothing after use or spill. Do not eat or drink when handling chemicals.

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

**Appearance/Colour/State:** Moderate foam clear liquid

**Odour:** Natural lemongrass and herbal.

**pH Concentrate:** 4.5 **pH Diluted:** 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):** 1.04

**Solubility:** 100%

**Partition Coefficient (N-octanol / Water):** Not determined

**Viscosity:** Not determined

**Vapour Density:** Not determined

**Evaporation Rate:** Not determined

**% Active:** 13.05

**% Solids:** 8

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

**Stability:** Stable

**Conditions to Avoid:** Extremes of temperature.

**Incompatibility (Materials to Avoid):** None known.

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

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

**Eye Contact:** Contact with concentrate may produce irritation if not promptly rinsed.

**Skin Contact:** Possible irritation and/or dermatitis from prolonged or repeated contact with concentrate or working solution.

**Inhalation:** Inhalation of mist or vapour may cause temporary respiratory irritation and temporary central nervous system effects including dizziness, weakness, fatigue, nausea and headache.

**Ingestion:** Product is acidic and may cause gastro-intestinal irritation, nausea and diarrhoea.

**Acute and Chronic Effects:**

**Acute Toxicity:** LD50 11700mg/kg (oral-rat) (citric acid)

**Corrosivity / Irritation:** Skin, eye and respiratory.

**Sensitisation:** This product contains limonene.

**Repeated Dose Toxicity:** Not established

**Mutagenicity:** None

**Carcinogenicity:** None

**Teratogenicity:** None

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

**Ecotoxicity:** LC50 96h 440-706mg/l (goldfish) (citric acid)

**Mobility:** Soluble in water.

**Persistence and Degradability:** 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**

Cleaning waste 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.

The information given has been compiled with reference to the **CHEMICALS (HAZARD INFORMATION AND PACKAGING FOR SUPPLY) REGULATIONS (CHIP 4) 2009** (as amended), the **REGISTRATION, EVALUATION, AUTHORISATION AND RESTRICTION OF CHEMICALS (REACH) REGULATIONS** (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:** R36 Irritating to eyes. R37 Irritating to respiratory system. R38 Irritating to skin.

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 E157 Issue / Revision Date 21/08/08 Revised Sections: 1, 15.