



Product Specification &

SAFETY DATA SHEET

CHIP / EC FORMAT (EC) 1907/2006



E772

NATURAL CARPET CLEANER

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

Product Name: NATURAL CARPET CLEANER **Product Code:** E772

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.
Gentle pH safe for all types of carpet, including wool and stain-resistant nylon.
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.
Portable machines: Dilute 100ml Natural Carpet Cleaner 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 Cleaner per 10 litres of warm water to make truck mount concentrate for use in chemical injection system. Set for meter at 2 to 4gph, depending on soil conditions.



SECTION 2: HAZARDS IDENTIFICATION

Classification: Not classified.

Eye Contact: Contact with concentrate may cause eye irritation.

Skin Contact: Prolonged or repeated contact with concentrate may cause mild irritation.

Inhalation: None expected in normal use.

Ingestion: Ingestion of concentrate may produce mild nausea and internal irritation.

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)
Sodium octane-1-sulphonate monohydrate	Xi R36/38	226-195-4	5324-84-5	Less than 5%
Sodium hexane-1-sulphonate monohydrate	Xi R36/38	220-601-3	2832-45-3	Less than 5%
(2-methoxymethylethoxy)propanol	None	252-104-2	34590-94-8	Less than 5%
Alcohols C9-11, ethoxylated	Xn R22 Xi R41	None	68439-45-2	Less than 5%

SECTION 4: FIRST AID MEASURES

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

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

Inhalation: Move to fresh air and seek medical attention if symptoms persist.

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, organic acids, water and other unidentified thermal decomposition products from this product or its packaging.

Special Protective Equipment: None recommended.

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: (2-methoxymethylethoxy)propanol (IOELV) WEL-LTEL 50ppm (308mg/m³) WEL-STEL (Sk)

Environmental Controls: For additional guidance, contact ENVIROWISE at www.envirowise.gov.uk or telephone 0800 585794

Eye Protection: Side shield safety glasses or goggles are recommended when handling concentrate.

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 required in normal use.

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: Clear moderate foam liquid

Odour: Natural lemon

pH Concentrate: 9

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): 1.05

Solubility: 100%

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

Viscosity: Not determined

Vapour Density: Not determined

Evaporation Rate: Not determined

% Active: 20.295

% Solids: 13.0

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, organic acids, water and other unidentified thermal decomposition products from this product or its packaging.

SECTION 11: TOXICOLOGICAL INFORMATION

Eye Contact: Contact with concentrate may produce moderate transient irritation if not properly rinsed.

Skin Contact: Prolonged or repeated contact may cause irritation and/or dermatitis.

Inhalation: No health effects expected under normal use.

Inhalation of mist or vapour may cause temporary respiratory irritation and CNS effects.

Ingestion: May produce gastro-intestinal irritation and nausea. Low oral toxicity.

Acute and Chronic Effects:

Acute Toxicity: LD50 >5000mg/kg (oral-rat) (sodium octane-1-sulphonate monohydrate)

LD50 >3500mg/kg (oral-rat) [(2-methoxymethylethoxy)propanol]

LD50 >20ml/kg (dermal-rabbit) [(2-methoxymethylethoxy)propanol]

LC50 7h >500ppm (inhalation-rat)

[(2-methoxymethylethoxy)propanol]

LD50 >2000mg/kg (dermal-rat) (alcohols C9-11, ethoxylated)

LD50 200-2000mg/kg (oral-rat) (alcohols C9-11, ethoxylated)

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: EC50 48h 1919mg/l (daphnia)

[(2-methoxymethylethoxy)propanol]

EC50 96h >969mg/l (green algae)

[(2-methoxymethylethoxy)propanol]

LC50 96h >10000mg/l (goldfish)

[(2-methoxymethylethoxy)propanol]

Fish / aquatic invertebrates / algae:

1 < LC/EC/IC50 ≤ 10mg/l (alcohols C9-11, ethoxylated)

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: R22 Harmful if swallowed. R36 Irritating to eyes.

R38 Irritating to skin. R41 Risk of serious damage to eyes.

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 E772 Issue / Revision Date 15/12/08
Revised Sections: 1, 11, 12, 15.