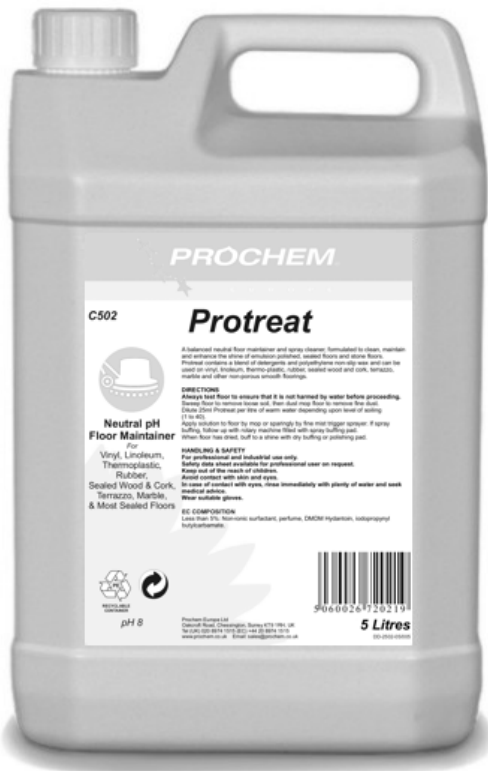




Product Specification &

SAFETY DATA SHEET

CHIP / EC FORMAT (EC) 1907/2006



**C502
PROTREAT**

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

Product Name: PROTREAT **Product Code:** C502
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:
 A balanced neutral floor maintainer and spray cleaner, formulated to clean, maintain and enhance the shine of emulsion polished, sealed floors and stone floors.
 Protreat contains a blend of detergents and polyethylene slip resistant wax and can be used on vinyl, linoleum, thermo-plastic, rubber, sealed wood and cork, terrazzo, marble and other non-porous smooth floorings.
Always test floor to ensure that it is not harmed by water before proceeding. Sweep floor to remove loose soil, then dust mop floor to remove fine dust. Dilute 25ml Protreat per litre of warm water depending upon level of soiling (1 to 40).
 Apply solution to floor by mop or sparingly by fine mist trigger sprayer. If spray buffing, follow up with rotary machine fitted with spray buffing pad. When floor has dried, buff to a shine with dry buffing or polishing pad.

SECTION 2: HAZARDS IDENTIFICATION

Classification: Not classified.
Eye Contact: Contact with concentrate may cause moderate eye irritation.
Skin Contact: Prolonged or repeated contact with concentrate may cause mild irritation.
Inhalation: None expected. Possible irritation of the nose and throat from spray mists.
Ingestion: Ingestion of concentrate may produce nausea and irritation.
Environment: No cumulative effects. 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)
C9-11 alcohol ethoxylate with 9MEO	Xn R22 Xi R41	None	68439-45-2	Less than 5%
Alcohol ethoxylate	Xn R22 Xi R36/38	None	None	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 plenty of soap and water. Seek medical attention if any skin irritation persists.
Inhalation: Get fresh air and seek medical assistance if any breathing irritation persists.
Ingestion: If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. If injured party is conscious, rinse out mouth and give water to drink. 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 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. Do not allow product to freeze. Keep out of reach of children. Keep in original container.

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 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 required if used as directed.

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 pink liquid
Odour: Lemon floral
pH Concentrate: 8 pH Diluted: 8
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: 22.8
% Solids: 10

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 moderate transient irritation.
Skin Contact: Prolonged or repeated contact may cause irritation and possible dermatitis.
Inhalation: No health effects expected. Transient irritation of upper respiratory tract if exposed to large amounts of spray mist.
Ingestion: May produce gastro-intestinal irritation and nausea from detergents and waxes.
Acute and Chronic Effects:
Acute Toxicity: LD50 >2000mg/kg (dermal-rat) (C9-11 alcohol ethoxylate with 9MEO)
LD50 200-2000mg/kg (oral-rat) (C9-11 alcohol ethoxylate with 9MEO).
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: Low aquatic and mammalian toxicity.
EC50 48h 13.4mg/l (daphnia) (C9-11 alcohol ethoxylate with 9MEO)
LC50 96h 23.7mg/l (rainbow trout) (C9-11 alcohol ethoxylate with 9MEO)
IC50 10-100mg/l (algae) (C9-11 alcohol ethoxylate with 9MEO).
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 polythene wax is not considered biodegradable. 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 C502 Issue / Revision Date 01/06/05
Revised Sections: 1, 2, 3, 4, 7, 11, 12, 13, 15, 16.