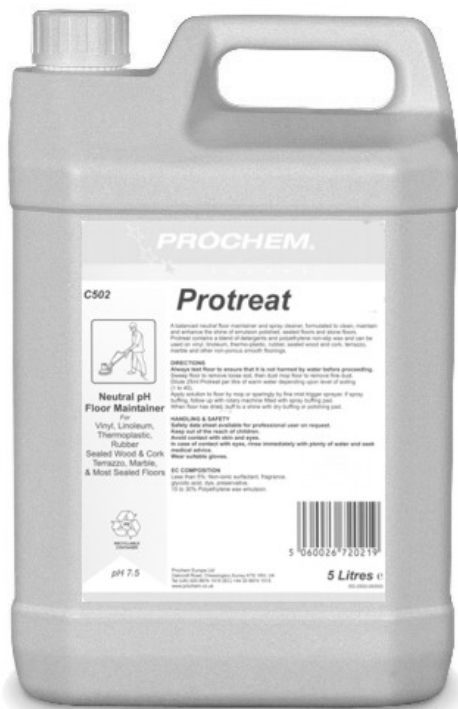




**Product Specification &**

**SAFETY DATA SHEET**

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



**C502  
PROTREAT**

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

**Product Name:** PROTREAT **Product Code:** C502  
**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  
**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 non-slip 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: COMPOSITION / INFORMATION ON INGREDIENTS**

SUBSTANCE	RISK (See Section 16)	EINECS NO.	CAS NO.	% W/W (EC RANGE)
Water	None assigned	None	None	More than 30%
Polyethylene wax emulsion	None assigned	None	None	15 to 30%
Non-ionic surfactant	Xn R22 Xi R41	None	68439-45-2	Less than 5%
Perfume (IFRA certified)	-	-	-	Less than 1%
Glycolic acid	-	-	-	Less than 1%
DMDM Hydantoin	-	-	-	Less than 1%
Iodopropynyl butylcarbamate	-	-	-	Less than 1%
Dye	-	-	-	Less than 1%

**SECTION 3: 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 4: FIRST AID MEASURES**

**Eye Contact:** Flush immediately with water for 10 minutes, then seek medical attention if irritation persists.  
**Skin Contact:** Flush skin with plenty of 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. 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 EH/40 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 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 (Oral-rat) (Polyethylene wax emulsion)

**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.

LC50 1-10mg/l 96h (fish) (alcohol ethoxylate)

**Mobility:** Soluble in water.

**Persistence and Degradability:** Polyethylene wax is not biodegradable. The other raw material ingredients in this product are biodegradable within the scope of current EC legislation. 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 discharged to a sewage drain, which is linked to a local sewage and waste treatment facility. Large quantities of product for disposal should be consigned to a licensed haulier in accordance with UK and EC regulations.

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 3) 2002** (as amended), the **CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS (COSHH) 2002** (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. 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 01/09/99  
Revised Sections: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16