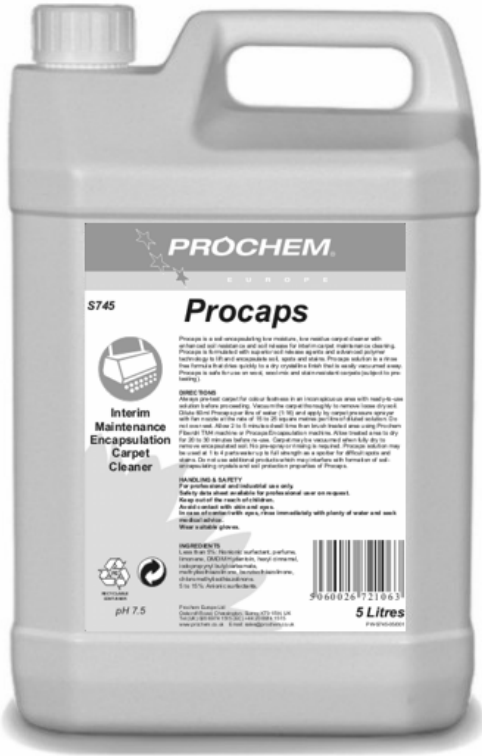




Product Specification &

SAFETY DATA SHEET

CHIP / EC FORMAT 1907/2006 AMD 93/112/EC AMD 2001/58/EC



**S745
PROCAPS**

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

Product Name: PROCAPS **Product Code:** S745
Manufacturer: Prochem Europe Ltd., Oakcroft Road, Chessington, Surrey KT9 1RH, UK. Telephone No (office hours 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:

Procaps is a soil-encapsulating low moisture, low residue carpet cleaner with enhanced soil resistance and soil release for interim carpet maintenance cleaning. Procaps is formulated with superior soil release agents and advanced polymer technology to lift and encapsulate soil, spots and stains. Procaps solution is a rinse free formula that dries quickly to a dry crystalline finish that is easily vacuumed away. Procaps is safe for use on wool, wool-mix and stain-resistant carpets (subject to pre-testing).
 Always pre-test carpet for colour fastness in an inconspicuous area with ready-to-use solution before proceeding. Vacuum the carpet thoroughly to remove loose dry soil. Dilute 60ml Procaps per litre of water (1:16) and apply by carpet pressure sprayer with fan nozzle at the rate of 15 to 25 square metres per litre of diluted solution. Do not over-wet. Allow 2 to 5 minutes dwell time then brush treated area using Prochem Fiberdri TM4 machine or Procaps Encapsulation machine. Allow treated area to dry for 20 to 30 minutes before re-use. Carpet may be vacuumed when fully dry to remove encapsulated soil. No pre-spray or rinsing is required. Procaps solution may be used at 1 to 4 parts water up to full strength as a spotter for difficult spots and stains. Do not use additional products which may interfere with formation of soil-encapsulating crystals and soil protection properties of Procaps.

SECTION 2: HAZARDS IDENTIFICATION

Classification: Not classified.
Eye Contact: Contact with concentrate may cause moderate eye irritation.
Skin Contact: Contact with concentrate may cause mild skin irritation and dermatitis.
Inhalation: None expected in normal use. Breathing spray mists may cause temporary irritation of the nose and throat.
Ingestion: Ingestion of concentrate may produce 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)
Disodium maleate	Xi R36	206-738-1	371-47-1	Less than 5%
2-(2-Butoxyethoxy)ethanol	Xi R36	203-961-6	112-34-5	Less than 5%
Sodium octane-1-sulphonate monohydrate	Xi R36/38	226-195-4	5324-84-5	Less than 5%
Disodium laureth sulfosuccinate	Xi R36	None	39354-45-5	Less than 5%
Perfume	R10 Xn R65 Xi R43 N R51/53	None	None	Less than 1%

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. If symptoms persist then seek medical attention.
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.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: 2-(2-butoxyethoxy)ethanol WEL-LTEL 10ppm WEL-STEL 15ppm.

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: For situations where recommended exposure limits may be exceeded or where there is a risk of inhalation of fine spray mists, a suitable 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 pale straw liquid

Odour: Citrus

pH Concentrate: 7.88

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): 1.032

Solubility: 100%

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

Viscosity: Not determined

Vapour Density: Not determined

Evaporation Rate: Not determined

% Active: 28.05

% Solids: 11

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: Extremes of temperature.

Incompatibility (Materials to Avoid): Strong alkaline and oxidising agents.

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 cause irritation, redness, eye watering and blurred vision.

Skin Contact: Prolonged or repeated contact may cause irritation, defatting and possible dermatitis.

Inhalation: Inhalation of mist or vapour may cause respiratory irritation and possible systemic effects including dizziness, headache, weakness, fatigue and nausea.

Ingestion: May cause temporary gastro-intestinal irritation, nausea, vomiting and diarrhoea.

Acute and Chronic Effects:

Acute Toxicity: LD50 6600mg/kg (oral-rat) (2-(2-butoxyethoxy)ethanol)

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

Corrosivity / Irritation: Skin, eye and respiratory

Sensitisation: This product contains limonene and hexyl cinnamal.

Repeated Dose Toxicity: Not established

Mutagenicity: None

Carcinogenicity: None

Teratogenicity: None

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: EC50 48h >1000mg/l (daphnia) (2-(2-butoxyethoxy)ethanol)

LC50 24h 2700mg/l (goldfish) (2-(2-butoxyethoxy)ethanol)

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.

The information given has been compiled with reference to the **CHEMICALS (HAZARD INFORMATION AND PACKAGING FOR SUPPLY) REGULATIONS (CHIP 3) 2002** (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: R10 Flammable. R36 Irritating to eyes. R38

Irritating to skin. R43 May cause sensitisation by skin contact.

R51 Toxic to aquatic organisms. R53 May cause long-term adverse effects in the aquatic environment. R65 Harmful: may cause lung damage if swallowed.

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: Not applicable.