



Product Specification &

SAFETY DATA SHEET

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

C409

PURE CLEAN



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

Product Name: PURE CLEAN **Product Code:** C409
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:

Prochem Pure Clean is a multi-purpose carpet cleaning agent, based upon phosphate material and free of harmful additives. Pure Clean is user friendly and contains no soaps, fragrance, optical brightener, enzymes or solvents. Pure Clean can be used as a single product solution for all types of carpet and fabric cleaning operations, subject to pre-testing.

Pre-Spraying: Mix 15ml. (1 measure scoop) per litre of hot water. Apply by sprayer and allow 10 minutes dwell time before extracting. For Hydro-force sprayer mix 120ml (8 measure scoops) per litre of hot water.

Portable extractors: Mix 15ml. (1 measure scoop) per 5 litres of hot water in the machine solution tank.

Truck-mount units: Mix 1 kilo in 20 litres of hot water to make metering concentrate. Set meter at 3 GPH.

Bonnet Cleaning: Mix 15ml. (1 measure scoop) in 5 litres of hot water. Pre-spray and allow 10 minutes dwell time. Moisten bonnet with cleaning solution and clean with an even overlapping motion. When bonnet becomes soiled, rinse and re-wet with cleaning solution.

Spotting: Mix 15ml. (1 measure scoop) of Pure Clean in 250ml of hot water. Apply by sprayer and allow 10 minutes dwell time before extracting with portable extractor solution shown above.

Always pretest carpet or fabric for colour fastness and texture change with ready-to-use solution before proceeding. Always mix thoroughly in hot water and allow dwell time for best result.

SECTION 2: HAZARDS IDENTIFICATION

Classification: Not classified.

Eye Contact: Contact with concentrate or solution may cause mild eye irritation.

Skin Contact: Prolonged or repeated contact with concentrate or solution may cause irritation and possible dermatitis.

Inhalation: Excessive exposure to powder concentrate dust may cause respiratory irritation. No hazard expected in diluted form.

Ingestion: Ingestion of concentrate may produce nausea and 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)
No ingredients required to be listed.				

SECTION 4: FIRST AID MEASURES

Eye Contact: Flush immediately with water for 15 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: Move to fresh air and seek medical attention if irritation persists. If powder is accidentally inhaled then treat as ingestion and rinse nasal passages.

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 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 a 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 of at a 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: 10mg/m³ total inhalable dust
4mg/m³ respirable dust EH40 WEL.

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.

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.

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: White Powder

Odour: None

pH Concentrate: Not applicable **pH Diluted:** 9

Boiling Point / Range °C: Not applicable

Flash Point °C: None **Method:** Not applicable

Flammability Limit %: Not applicable

Explosive Properties: Not applicable

Oxidising Properties: Not applicable

Vapour Pressure: 760mm/Hg

Relative Density (Water = 1): Not determined

Solubility: Partial in water

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

Viscosity: Not applicable

Vapour Density: Not determined

Evaporation Rate: Not determined

% Active: 100

% Solids: Not applicable

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable.

Conditions to Avoid: Extremes of temperature.

Incompatibility (Materials to Avoid): Strong alkalis.

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 or solution may produce mild irritation if not promptly rinsed.

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

Inhalation: No health effects expected in diluted form. Excessive exposure to dust may cause respiratory irritation.

Ingestion: Product may produce gastrointestinal irritation and nausea.

Acute and Chronic Effects:

Acute Toxicity: Low oral toxicity.

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: None known.

Mobility: Soluble in water.

Persistence and Degradability: The 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: Unlikely in normal use. Large quantities can cause eutrophication.

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.

Risk Phrases

None

Safety Phrases

S2 Keep out of the reach of children.

S25 Avoid contact with eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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: None.

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 C409 Issue / Revision Date 01/07/05
Revised Sections: 1, 2, 3, 4, 11, 13, 15.