



Product Specification &

SAFETY DATA SHEET

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



B171 FILTER-OUT

SECTION 1: IDENTIFICATION OF THE PREPARATION AND COMPANY

Product Name: FILTER-OUT **Product Code:** B171

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:

Prochem Filter-Out is an advanced formula carpet stain remover for charged particle soils such as air filtration soils (draught marks) along skirting boards, under doors and around heating and ventilation areas. Filter-Out will also help remove carbon, soot, smoke residue, photocopier and fax toner spills.

Carefully vacuum any loose soil with vacuum nozzle (Do not use brush or brush type vacuum cleaner).

Filter-Out is ready-to-use. **Always pretest carpet for colour fastness before proceeding.**

Apply Filter-Out directly to soiled areas with trigger sprayer supplied.

For heavy soil deposits, agitate with soft spotting brush.

Allow 3 to 5 minutes dwell time for product to react with soil and release particle charge.

Extraction rinse with B109 Fibre & Fabric Rinse solution diluted at 1 part to 20 parts hot water, using a hand tool or upholstery tool.

Blot or wipe with folded white terry towel then lightly brush or groom to align fibres.

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE	RISK (See Section 16)	EINECS NO.	CAS NO.	% W/W (EC RANGE)
Water	None	None	None	More than 30%
Phosphate	-	-	-	Less than 1%
Non-ionic surfactant	-	-	-	Less than 1%
Non-ionic surfactant	-	-	-	Less than 1%
Cationic surfactant (Quaternary ammonium compound)	-	-	-	Less than 1%
Butyl diglycol	-	-	-	Less than 1%
Carbonate	-	-	-	Less than 1%
Silicate	-	-	-	Less than 1%
Perfume (IFRA certified)	-	-	-	Less than 1%
EDTA	-	-	-	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 solution may cause mild eye irritation.

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

Inhalation: None expected. Exposure to fine spray mists may cause temporary irritation of the nose and throat.

Ingestion: Ingestion of concentrate may produce nausea and irritation.

Environment: Raw materials are biodegradable. See Ecological Information for further details.

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: Get fresh air and seek medical assistance if breathing is difficult.

Ingestion: If ingested, rinse mouth thoroughly, drink water or milk and seek immediate medical attention. Do not give anything

by mouth if patient is unconscious. DO NOT INDUCE VOMITING unless directed to do so by medical personnel.

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: 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: Occupational exposure limits not assigned by HSE EH/40 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 solution 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: For situations where recommended exposure limits may be exceeded or where there is a risk of inhalation of fine spray mists, a dust mask is recommended.

Ventilation: Normal air circulation. Allow adequate ventilation in enclosed areas.

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: Low foam light green liquid

Odour: Floral

pH: 9.5

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): 1.00

Solubility: 100%

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

Viscosity: Not determined

Vapour Density: Not determined

Evaporation Rate: Not determined

% Active: 0.3899

% Solids: Not applicable

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: Extremes of temperature.

Incompatibility (Materials to Avoid): Strong oxidising agents. Partially de-activated by anionic cleaning 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 liquid may cause mild eye irritation effects.

Skin Contact: Possible dermatitis from prolonged or repeated contact with solution.

Inhalation: No health effects expected other than possible irritation of respiratory tract by wetting agents in spray form.

Ingestion: Product is alkaline and may be mildly corrosive to mucous membranes.

Acute and Chronic Effects:

Acute Toxicity: LD50 >200<2000mg/kg (alcohol ethoxylate)

LD50: 645mg/kg (Oral – Rat) (Quaternary ammonium compound)

Skin irritation (rabbit, 4h): corrosive (Quaternary ammonium compound)

Corrosivity / Irritation: Skin, eye and respiratory

Sensitisation: None expected.

Repeated Dose Toxicity: Not established

Mutagenicity: None

Carcinogenicity: None

Teratogenicity: None

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: Contains less than 0.1% quaternary ammonium compound which is classified as very toxic to aquatic organisms.

LC50 fish: 1mg/l 96h (Quaternary ammonium compound)

EC50 Daphnia: 0.094mg/l 48h (Quaternary ammonium compound)

EbC50 Algae: 0.026mg/l 96h (Quaternary ammonium compound)

EC50 Bacteria: 11mg/l 3h (Quaternary ammonium compound)

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

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: 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.

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 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: 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: Not applicable.