



Product Specification &

SAFETY DATA SHEET

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



B130
AQUA-SEAL FABRIC
PROTECTOR

SECTION 1: IDENTIFICATION OF THE PREPARATION AND COMPANY

Product Name: AQUA-SEAL FABRIC PROTECTOR **Product Code:** B130

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 water-based, fluorochemical soil and stain repellent treatment for synthetic fabrics including nylon, polyester, acrylic and their blends with natural cellulosic fibres.

Aqua-Seal Fabric Protector is ready-to-use. DO NOT dilute with water. Before proceeding with application, always pre-test an inconspicuous area of the fabric with Aqua-Seal Fabric Protector and allow to dry. Check for any change in colour, shade or texture of the fabric. Do not apply to water sensitive fabrics. Ensure fabric is clean and free of any shampoo or detergent residue. It is recommended that newly cleaned fabric is finally rinsed with B109 Fibre & Fabric Rinse according to label directions. Aqua-Seal Fabric Protector must be the last treatment applied to the fabric and can be applied to dry fabric or damp fabric after extraction cleaning and rinsing. Apply Aqua-Seal Fabric Protector evenly by fabric protector spray applicator or suitable hand held pressure sprayer fitted with a fine spray tip. Coverage should be approx. 1 litre per 15m² of fabric. Lightly brush protector into fabric with natural fibre upholstery brush and leave fabric to dry completely before use.

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%
Fluorocarbon polymer	R52/53	None	None	5 to 15%
Glycolic acid	-	-	-	Less than 1%

SECTION 3: HAZARDS IDENTIFICATION

Classification: Not classified.

Eye Contact - Contact may cause mild eye irritation.

Skin Contact - Prolonged or repeated contact with liquid may cause mild irritation. Non-irritant when dry.

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

Ingestion - Ingestion may cause nausea and irritation but no long term effects.

Environment - Fluorochemical is slowly biodegradable. 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 attention if breathing is affected.

Ingestion - Drink water and seek immediate medical attention. Do not give anything by mouth if patient is unconscious. DO NOT INDUCE VOMITING.

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 - None

Decomposition Products - Very small amounts of hydrogen chloride, hydrogen fluoride and nitrogen oxides if large amounts involved in fire. 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 - Standard work clothing, nitrile butyl rubber gloves, safety glasses or 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, direct sunlight and keep from freezing. 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 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 extended spraying applications or in case of poor ventilation or sensitivity, a dust mask (dust filter P2) 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 milky white liquid
Odour: Acrylic

pH Concentrate: 5 **pH Diluted:** Not applicable

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: 6.27

% Solids: 1

SECTION 10: STABILITY AND REACTIVITY

Stability - Stable

Conditions to Avoid - Extremes of temperature. Protect from frost and do not allow to freeze.

Incompatibility (Materials to Avoid) - Strong oxidising agents.

Hazardous Decomposition Products - Very small amounts of hydrogen chloride, hydrogen fluoride and nitrogen oxides if large amounts involved in fire. 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 mild transient irritation.

Skin Contact - Possible slight sensitivity from prolonged or repeated contact.

Inhalation - No health effects expected other than possible mild respiratory irritation from atomised spray particles.

Ingestion - No specific toxicological effects reported, low order of toxicity. Product is mildly acidic.

Exposure Limits - None for raw material ingredients in this product.

Acute and Chronic Effects:

Acute Toxicity: LD50 >2000mg/Kg (Oral-rat) (Fluorocarbon polymer)

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: Contains 5 to 15% fluorocarbon polymer which is classified as harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

96h LC50 >10mg/l (Fish) (Fluorocarbon polymer)

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) 1999** (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: R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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 B130 Issue / Revision Date 01/06/99
Revised Sections: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16