



**Product Specification &**

**SAFETY DATA SHEET**

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

**S780**

**FIBRESAFE GOLD**



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

**Product Name:** FIBRESAFE GOLD **Product Code:** S780  
**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](http://www.prochem.co.uk) Email: [sales@prochem.co.uk](mailto: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:**

Fibresafe Gold is a professional extraction formula developed for safe and effective cleaning of wool and stain resistant nylon carpet fibres. S780 incorporates a buffered, self-neutralising pH cleaning system which is suitable for use on most carpets and fabrics, subject to pretesting. Approved by the "Woolsafe" Organisation for use on wool and wool-rich carpets. **Portable extraction machines** - Mix 15ml. (1 measure scoop) of S780 per 5 litres of warm water in the machine solution tank. Mix thoroughly until fully dissolved. **Truck-mount units** - Mix 1 kilo of S780 in 20 litres of water to make metering concentrate. Set flow meter at 2 to 4 GPH. **Always pretest carpet or fabric for colour fastness and texture change with ready-to-use solution before proceeding. If pre-inspection indicates a risk of colour bleed or cellulosic browning, test with B109 Fibre & Fabric Rinse and use accordingly.** Pretreat heavily soiled areas with B107 Prespray Gold according to label directions, then follow up with the normal cleaning procedure.

**SECTION 2: HAZARDS IDENTIFICATION**

**Classification:** Not classified.  
**Eye Contact:** Contact with concentrate or solution may cause moderate eye irritation.  
**Skin Contact:** Prolonged or repeated contact with concentrate or solution may cause irritation and/or mild 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)
Alcohols C9-11, ethoxylated	Xn R22 Xi R41	None	68439-45-2	Less than 5%
Sodium xylene sulphonate	Xi R36/37/38	215-090-9	1300-72-7	Less than 5%
2-(2-Butoxyethoxy)ethanol	Xi R36	203-961-6	112-34-5	Less than 5%
Perfume	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:** 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 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:** 10mg/m<sup>3</sup> inhalable 4mg/m<sup>3</sup> respirable dust EH40.  
 2-(2-butoxyethoxy)ethanol (EU-IOELV) WEL-LTEL 10ppm WEL-STEL 15ppm.  
**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.

**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 in normal use.

**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:** Moist light yellow powder

**Odour:** Green Apple

**pH Concentrate:** Not applicable **pH Diluted:** 8.9

**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):** 1.0

**Solubility:** 100%

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

**Viscosity:** Not determined

**Vapour Density:** Not determined

**Evaporation Rate:** Not determined

**% Active:** 100

**% Solids:** None

#### **SECTION 10: STABILITY AND REACTIVITY**

**Stability:** Stable

**Conditions to Avoid:** Extremes of temperature.

**Incompatibility (Materials to Avoid):** Strong acids and oxidising materials.

**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 moderate transient irritation.

**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:** May produce gastro-intestinal irritation and nausea.

**Acute and Chronic Effects:**

**Acute Toxicity:** LD50 200-2000mg/kg (oral-rat) (alcohols C9-11, ethoxylated)

LD50 >2000mg/kg (dermal-rat) (alcohols C9-11, ethoxylated)

LD50 >2000mg/kg (oral-rat) (sodium xylene sulphonate)

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

**Corrosivity / Irritation:** Skin, eye and respiratory

**Sensitisation:** This product contains hexyl cinnamal.

**Repeated Dose Toxicity:** Not established.

**Mutagenicity:** None

**Carcinogenicity:** None

**Teratogenicity:** None

#### **SECTION 12: ECOLOGICAL INFORMATION**

**Ecotoxicity:** EC50 48h 1-10mg/l (daphnia) (alcohols C9-11, ethoxylated)

IC50 72h 10-100mg/l (algae) (alcohols C9-11, ethoxylated)

LC50 96h 10-100mg/l (fish) (alcohols C9-11, ethoxylated)

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 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:** R22 Harmful if swallowed. R36 Irritating to eyes.

R37 Irritating to respiratory system. R38 Irritating to skin. R41

Risk of serious damage to eyes. R43 May cause sensitization by

skin contact. R51 Toxic to aquatic organisms. R53 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 S780 Issue / Revision Date 01/11/03

Revised Sections: 1, 2, 3, 4, 8, 9, 11, 12, 13, 15, 16.