



**Product Specification &**

**SAFETY DATA SHEET**

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

**S780**

**FIBRESAFE GOLD**



**SECTION 1: IDENTIFICATION OF THE PREPARATION AND COMPANY**

**Product Name:** FIBRESAFE GOLD    **Product Code:** S780  
**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:**

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 normal extraction cleaning procedure.

**SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS**

| SUBSTANCE                  | RISK (See Section 16) | EINECS NO. | CAS NO.    | % W/W (EC RANGE) |
|----------------------------|-----------------------|------------|------------|------------------|
| Phosphates                 | None assigned         | 231-838-7  | 7758-29-4  | More than 30%    |
| Carbonates                 | None assigned         | None       | 144-55-8   | 15 to 30%        |
| Anionic surfactant         | Xi R36/37/38          | 215-090-9  | 1300-72-7  | Less than 5%     |
| Non-ionic surfactant       | Xn R22 Xi R41 N R50   | None       | 68131-39-5 | Less than 5%     |
| Butyl diglycol             | Xi R36                | 203-961-6  | 112-34-5   | Less than 5%     |
| EDTA                       | -                     | -          | -          | Less than 1%     |
| Water                      | -                     | -          | -          | Less than 1%     |
| Fragrance (IFRA certified) | -                     | -          | -          | Less than 1%     |
| Dye                        | -                     | -          | -          | Less than 1%     |

**SECTION 3: 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:** None expected.  
**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 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:** None required.  
**Ingestion:** If small amounts are ingested, drink water and seek immediate medical attention. Do not give anything by mouth if patient is unconscious. If large amounts are ingested and patient is fully conscious, 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:** 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> total 5mg/m<sup>3</sup> respirable dust EH40.  
**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.  
**Respiratory Protection:** Not required.  
**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:** 8.5  
**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):** 1.07  
**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.  
**Ingestion:** May produce gastro-intestinal irritation and nausea.  
**Acute and Chronic Effects:**  
**Acute Toxicity:** LD50 < 2000mg/kg (Oral-rat) (Alcohol ethoxylate)  
**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 less than 5% alcohol ethoxylate which is classified as very toxic to aquatic organisms.  
Alcohol Ethoxylate Fish EC50 10mg/l  
Algae EC50 1mg/l  
Daphnia EC50 10mg/l  
**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. EDTA is slightly biodegradable.  
**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:** R22 Harmful if swallowed. R36 Irritating to eyes. R37 Irritating to respiratory system. R38 Irritating to skin. R41 Risk of serious damage to eyes. R50 Very toxic to aquatic organisms.  
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 01/08/02  
Revised Sections: 1, 2, 8, 12, 15, 16