

The logo for Prochem, featuring the word "PROCHEM" in white, bold, sans-serif capital letters on a blue rectangular background.

SAFETY DATA SHEET FIBRESAFE GOLD

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name FIBRESAFE GOLD

Product number S780

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Fibresafe Gold is a professional extraction formula developed for safe and effective cleaning of wool and stain resistant nylon carpet fibres. Fibresafe Gold incorporates a buffered, self-neutralising pH cleaning system which is suitable for use on most carpets and fabrics, subject to pretesting. WOOLSAFE approved maintenance product for wool carpets and rugs.

1.3. Details of the supplier of the safety data sheet

Supplier www.prochem.co.uk
Prochem Europe Ltd
Oakcroft Road
Chessington
Surrey
KT9 1RH

Telephone: 020 8974 1515
Fax: 020 8974 1511
sales@prochem.co.uk

1.4. Emergency telephone number

Emergency telephone 020 8974 1515 (office hours 8am to 5pm Monday to Friday) 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.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Eye Irrit. 2 - H319

Environmental hazards Not Classified

Human health Contact with concentrate or solution May cause eye irritation. Prolonged or repeated exposure may cause the following adverse effects: skin irritation and dermatitis. Inhalation Dust may irritate throat and respiratory system and cause coughing. No hazard expected in diluted form. Ingestion may cause: Nausea, vomiting. Gastrointestinal symptoms, including upset stomach.

Environmental The product is expected to be biodegradable. The product is not expected to be hazardous to the environment.

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2.2. Label elements

Pictogram



Signal word	Warning
Hazard statements	H319 Causes serious eye irritation.
Precautionary statements	P102 Keep out of reach of children. P262 Do not get in eyes, on skin, or on clothing. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice/ attention.
Detergent labelling	≥ 30% phosphates, < 5% anionic surfactants, < 5% EDTA and salts thereof, < 5% non-ionic surfactants, < 5% perfumes, Contains Hexyl cinnamal

2.3. Other hazards

See section 8 for details of exposure limits.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Alcohols C9-11, ethoxylated	<3%
CAS number: 68439-46-3	EC number: 614-482-0

Classification

Acute Tox. 4 - H302
Eye Dam. 1 - H318

(2-Methoxymethylethoxy)propanol

1-5%

CAS number: 34590-94-8 EC number: 252-104-2 REACH registration number: 01-2119450011-60-XXXX

Substance with a Community workplace exposure limit.

Classification

Not Classified

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move affected person to fresh air at once. Get medical attention if any discomfort continues. If powder is accidentally inhaled then treat as ingestion. Rinse nose and mouth with water.
Ingestion	Rinse mouth thoroughly with water. Give plenty of water to drink. Never give anything by mouth to an unconscious person. Get medical attention. Do not induce vomiting.
Skin contact	Rinse immediately with plenty of water. Get medical attention if irritation persists after washing.

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Eye contact Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact Mild transient irritation.

Eye contact May cause eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor Treat symptomatically. Rinse immediately with plenty of water.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Water spray, dry powder or carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Specific hazards No unusual fire or explosion hazards noted.

Hazardous combustion products Thermal decomposition or combustion products may include the following substances: Oxides of carbon.

5.3. Advice for firefighters

Special protective equipment for firefighters No specific recommendations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions Avoid discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up For concentrate: Collect spillage with a shovel and broom, or similar and reuse, if possible. For solution: Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Wear protective clothing as described in Section 8 of this safety data sheet. Wash hands after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Do not store near heat sources or expose to high temperatures. Store in closed original container at temperatures between 5°C and 30°C. Keep out of the reach of children.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

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SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

Long-term exposure limit (8-hour TWA): NUI 4 mg/m³ resp.dust 10 mg/m³ total dust

NUI = Nuisance Dust.

(2-Methoxymethylethoxy)propanol

Long-term exposure limit (8-hour TWA): WEL 50 ppm 308 mg/m³

Sk

WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation.

Eye/face protection

Side shield safety glasses are recommended when handling this product.

Hand protection

It is recommended that gloves are made of the following material: Nitrile rubber. Protective gloves should be inspected for wear before use and replaced regularly in accordance with the manufacturers specifications.

Hygiene measures

Wash hands after handling. Wash contaminated clothing before reuse. When using do not eat, drink or smoke.

Respiratory protection

Not required in normal use.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Powder.
Colour	Light (or pale). Yellow.
Odour	Apple.
Odour threshold	Not determined.
pH	pH (diluted solution): 9
Initial boiling point and range	Not applicable.
Evaporation rate	Not determined.
Upper/lower flammability or explosive limits	Not applicable.
Vapour pressure	Not determined.
Vapour density	Not determined.
Relative density	1
Solubility(ies)	Soluble in water.
Partition coefficient	Not determined.

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Auto-ignition temperature	Not determined.
Viscosity	Not determined.
Explosive properties	Not applicable.
Oxidising properties	Not applicable.

9.2. Other information

Other information	None.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Not determined.
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10.4. Conditions to avoid

Conditions to avoid	Store in closed original container at temperatures between 5°C and 30°C. Protect from freezing and direct sunlight.
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10.5. Incompatible materials

Materials to avoid	Strong acids. Oxidising materials.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Thermal decomposition or combustion products may include the following substances: Oxides of carbon.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects	Ingestion may cause: Gastrointestinal symptoms, including upset stomach. Nausea, vomiting. Irritation. Dust may irritate respiratory system or lungs.
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Acute toxicity - oral

ATE oral (mg/kg)	25,641.03
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Skin corrosion/irritation

Animal data	Prolonged or repeated exposure may cause the following adverse effects: skin irritation and dermatitis.
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Serious eye damage/irritation

Serious eye damage/irritation	Contact with concentrate or solution May cause eye irritation.
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Skin sensitisation

Skin sensitisation	Contains Hexyl cinnamal
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Germ cell mutagenicity

Genotoxicity - in vitro	No effects expected based upon current data.
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Carcinogenicity

Carcinogenicity	No effects expected based upon current data.
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Reproductive toxicity

Reproductive toxicity - fertility No effects expected based upon current data.

Toxicological information on ingredients.

Alcohols C9-11, ethoxylated

Acute toxicity - oral

Acute toxicity oral (LD₅₀) 300.0
mg/kg)

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀) 2,000.0
mg/kg)

(2-Methoxymethylethoxy)propanol

Acute toxicity - oral

Acute toxicity oral (LD₅₀) 5,135.0
mg/kg)

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀) 20.0
mg/kg)

Species Rabbit

Sodium xylenesulphonate

Acute toxicity - oral

Acute toxicity oral (LD₅₀) 7,200.0
mg/kg)

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀) 2,000.0
mg/kg)

Species Rabbit

Acute toxicity - inhalation

Acute toxicity inhalation
(LC₅₀ dust/mist mg/l) 6.41

Species Rat

ATE inhalation
(dusts/mists mg/l) 6.41

SECTION 12: Ecological Information

12.1. Toxicity

Toxicity The product is not expected to be hazardous to the environment.

Ecological information on ingredients.

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Alcohols C9-11, ethoxylated

Acute toxicity - fish LC₅₀, : > 10 mg/l,

Acute toxicity - aquatic invertebrates EC₅₀, : > 1 mg/l,

Acute toxicity - aquatic plants IC₅₀, : > 10 mg/l,

(2-Methoxymethylethoxy)propanol

Acute toxicity - fish LC₅₀, 96 hours: >10000 mg/l, Fish

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 1919 mg/l, Daphnia magna

Acute toxicity - aquatic plants IC₅₀, 72 hours: >969 mg/l, Algae

12.2. Persistence and degradability

Persistence and degradability The product is expected to be biodegradable.

Ecological information on ingredients.

(2-Methoxymethylethoxy)propanol

Chemical oxygen demand 2.02

12.3. Bioaccumulative potential

Bioaccumulative potential The product does not contain any substances expected to be bioaccumulating. Release of large quantities can cause eutrophication.

Partition coefficient Not determined.

Ecological information on ingredients.

(2-Methoxymethylethoxy)propanol

Partition coefficient : 1.01

12.4. Mobility in soil

Mobility The product is soluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Empty containers should be rinsed with water then crushed and disposed of at legal waste disposal site.

SECTION 14: Transport information

FIBRESAFE GOLD

14.1. UN number

Not classified for transportation.

14.2. UN proper shipping name

None.

14.3. Transport hazard class(es)

None.

IMDG class -

14.4. Packing group

None.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

None.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).

EU legislation Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

General information Telephone 020 8974 1515

Revision comments NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision date 20/09/2016

Revision 3

Supersedes date 09/09/2014

Signature Aaron Saunders

Please note: Where abbreviations have been used elsewhere the full text has been written below, for the classification of the product please refer to section 2.

FIBRESAFE GOLD

Hazard statements in full	H302 Harmful if swallowed. H318 Causes serious eye damage. H319 Causes serious eye irritation.
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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.