



**SAFETY DATA SHEET
FIBRE SHAMPOO**

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

1.1. Product identifier

Product name FIBRE SHAMPOO
Product number B105

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

Identified uses A concentrated blend of high foaming, crystallising neutral detergents and performance additives specially formulated for use on carpet fibres and wet cleanable fabrics. Fibre Shampoo can be used in conjunction with carpet rotary brush machines, bonnet mops and dry foam equipment as well as brush and sponge shampoo cleaning of upholstery fabrics. Fibre Shampoo has excellent cleaning, quick drying and colour stabilising properties.

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

Physical hazards
Not Classified
Health hazards
Eye Dam. 1 - H318
Environmental hazards
Not Classified

Classification (67/548/EEC or 1999/45/EC)
Xi;R36.

Human health

May cause serious eye damage. May cause possible injury if not promptly rinsed. Prolonged skin contact may cause redness, irritation and dry skin. Spray/mists may cause respiratory tract irritation. Excessive inhalation of spray, mist or vapour may cause temporary respiratory irritation. Ingestion may cause: nausea Diarrhoea.

Environmental

FIBRE SHAMPOO

The product is expected to be biodegradable.

2.2. Label elements

Pictogram



Signal word

Danger

Hazard statements

H318 Causes serious eye damage.

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.

P310 Immediately call a POISON CENTER/doctor.

Contains

Sulfuric acid, mono-C12-14 (even numbered) alkyl esters, ammonium salts, Sulfuric acid, C12-14-alkyl (even numbered) esters, sodium salts, Benzyl alcohol

Detergent labelling

5 - < 15% anionic surfactants, < 5% optical brighteners, < 5% perfumes, Contains d-Limonene, DMDM Hydantoin, Iodopropynyl butylcarbamate, Methylisothiazolinone, Methylchlorisothiazolinone, Benzisothiazolinone

2.3. Other hazards

See section 8 for details of exposure limits.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Sulfuric acid, mono-C12-14 (even numbered) alkyl esters, ammonium salts		<5%
CAS number: — EC number: 931-558-1		
Classification Met. Corr. 1 - H290 Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412	Classification (67/548/EEC or 1999/45/EC) Xn;R22. Xi;R38,R41.	
Sulfuric acid, C12-14-alkyl (even numbered) esters, sodium salts		<5%
CAS number: 85586-07-8 EC number: 287-809-4		
Classification Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Acute Tox. 4 - H302	Classification (67/548/EEC or 1999/45/EC) Xn;R22. Xi;R38,R41.	

FIBRE SHAMPOO

Propan-2-ol	<5%
CAS number: 67-63-0 EC number: 200-661-7	
Classification	Classification (67/548/EEC or 1999/45/EC)
Flam. Liq. 2 - H225	F;R11 Xi;R36 R67
Eye Irrit. 2 - H319	
STOT SE 3 - H336	
STOT SE 3 - H336	

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.

Ingestion

Rinse mouth thoroughly with water. Give plenty of water to drink. Never give anything by mouth to an unconscious person. Get medical attention immediately. Do not induce vomiting.

Skin contact

Rinse immediately with plenty of water. Get medical attention if irritation persists after washing.

Eye contact

Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Get medical attention immediately.

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

Ingestion

May cause discomfort if swallowed. Nausea, vomiting. Central nervous system depression.

Eye contact

May cause severe eye irritation. May cause permanent damage if eye is not immediately irrigated.

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

Notes for the doctor

If liquid has entered the eyes, proceed as follows. Rinse immediately with plenty of water.

Specific treatments

Treat symptomatically. In the event of contact with eyes or ingestion seek immediate medical help.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

The product is not flammable. Extinguish with the following media: 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. Sulphur dioxide. Sulphuric acid (H2SO4).

5.3. Advice for firefighters

Special protective equipment for firefighters

No specific recommendations.

SECTION 6: Accidental release measures

FIBRE SHAMPOO

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

Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

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 thoroughly after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

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.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

Propan-2-ol

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m³

Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m³

WEL = Workplace Exposure Limit

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation.

Eye/face protection

Side shield safety glasses are recommended when handling concentrate or during spray application.

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

FIBRE SHAMPOO

Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.

Respiratory protection

For situations where recommended exposure limits may be exceeded or where there is a risk of inhalation of fine spray mists, a suitable respirator face mask is recommended.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Clear liquid.

Colour

Colourless.

Odour

Lemon. Lime.

Odour threshold

Not determined.

pH

pH (concentrated solution): 5.5 pH (diluted solution): 7 @ 4%

Melting point

Not determined.

Initial boiling point and range

100°C

Flash point

54.5°C CC (Closed cup). Does not sustain combustion.

Evaporation rate

Not determined.

Upper/lower flammability or explosive limits

Not applicable.

Vapour pressure

Not determined.

Vapour density

Not determined.

Relative density

1.0

Solubility(ies)

Soluble in water.

Partition coefficient

Not determined.

Auto-ignition temperature

Not determined.

Viscosity

Not determined.

Explosive properties

Not applicable.

Oxidising properties

Not applicable.

9.2. Other information

Other information

FIBRE SHAMPOO

None.

SECTION 10: Stability and reactivity

10.1. Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability

Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Not determined.

10.4. Conditions to avoid

Protect from freezing and direct sunlight. Store in closed original container at temperatures between 5°C and 30°C.

10.5. Incompatible materials

Materials to avoid

Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Sulphur dioxide. Sulphuric acid (H₂SO₄).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects

Ingestion may cause: systemic effects Central nervous system depression. Nausea, vomiting. Diarrhoea. Excessive inhalation of spray, mist or vapour may cause temporary respiratory irritation.

Acute toxicity - oral

ATE oral (mg/kg)

9,049.77375566

Skin corrosion/irritation

Skin corrosion/irritation

Prolonged or repeated exposure may cause the following adverse effects: skin irritation and dermatitis.

Serious eye damage/irritation

May cause serious eye damage. May cause permanent damage if eye is not immediately irrigated.

Skin sensitisation

Contains Limonene

Germ cell mutagenicity

Genotoxicity - in vivo

No effects expected based upon current data.

Carcinogenicity

No effects expected based upon current data.

Reproductive toxicity

Reproductive toxicity - fertility

No effects expected based upon current data.

FIBRE SHAMPOO

Toxicological information on ingredients.

Sulfuric acid, mono-C12-14 (even numbered) alkyl esters, ammonium salts

Acute toxicity - oral

Acute toxicity oral (LD50 mg/kg)

1,800.0

Species

Rat

ATE oral (mg/kg)

1,800.0

Sulfuric acid, C12-14-alkyl (even numbered) esters, sodium salts

Acute toxicity - oral

Acute toxicity oral (LD50 mg/kg)

1,800

Species

Rat

Propan-2-ol

Acute toxicity - oral

Acute toxicity oral (LD50 mg/kg)

2,000

Species

Rat

Acute toxicity - dermal

Acute toxicity dermal (LD50 mg/kg)

2000

Species

Rabbit

SECTION 12: Ecological Information

12.1. Toxicity

Ecological information on ingredients.

Sulfuric acid, C12-14-alkyl (even numbered) esters, sodium salts

Acute toxicity - fish

LC50, : 3.6 mg/l,

Acute toxicity - aquatic invertebrates

EC₅₀, : 4.7 mg/l, NOEC, : 0.508 mg/l,

Acute toxicity - aquatic plants

IC₅₀, 72 hours: >20 mg/l, Algae

Propan-2-ol

Acute toxicity - fish

LC50, 48 hours: > 100 mg/l, Leuciscus idus (Golden orfe)

Acute toxicity - aquatic invertebrates

EC₅₀, 48 hours: >100 mg/l, Daphnia magna

Acute toxicity - aquatic plants

EC₅₀, 72 hours: > 100 mg/l, Scenedesmus subspicatus

12.2. Persistence and degradability

Persistence and degradability

FIBRE SHAMPOO

The surfactant(s) contained in this product complies(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.

12.3. Bioaccumulative potential

Not known.

Partition coefficient

Not determined.

12.4. Mobility in soil

Mobility

The product is soluble in water.

12.5. Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

12.6. 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

14.1. UN number

Not classified for transportation.

14.2. UN proper shipping name

None.

14.3. Transport hazard class(es)

None.

ADR/RID class -

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 MARPOL73/78 and the IBC Code

Not applicable.

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). The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

FIBRE SHAMPOO

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 date 04/12/2014

Revision 2

Supersedes date 30/07/2013

Signature Aaron Saunders

Risk phrases in full

R11 Highly flammable.
R22 Harmful if swallowed.
R36 Irritating to eyes.
R38 Irritating to skin.
R41 Risk of serious damage to eyes.
R50 Very toxic to aquatic organisms.
R67 Vapours may cause drowsiness and dizziness.

Hazard statements in full

H225 Highly flammable liquid and vapour.
H290 May be corrosive to metals.
H302 Harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H412 Harmful to aquatic life with long lasting effects.

Disclaimer

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.