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## 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

**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** The product is expected to be biodegradable.

## FIBRE SHAMPOO

### 2.2. Label elements

#### Pictogram



#### Signal word

Danger

#### Hazard statements

H318 Causes serious eye damage.  
EUH208 Contains Mixture of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one. May produce an allergic reaction.

#### 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

#### Detergent labelling

5 - < 15% anionic surfactants, < 5% perfumes, Contains DMDM Hydantoin, d-Limonene, Iodopropynyl butylcarbamate, Mixture of 5-Chloro-2-methyl-isothiazol-3(2H)-one and 2-Methylisothiazol-3(2H)-one (3:1), Methylisothiazolinone, Benzisothiazolinone, Methylchloroisothiazolinone

### 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

**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

## FIBRE SHAMPOO

<b>(2-Methoxymethylethoxy)propanol</b>		<b>1-5%</b>
CAS number: 34590-94-8	EC number: 252-104-2	REACH registration number: 01-2119450011-60-XXXX
Substance with a Community workplace exposure limit.		
<b>Classification</b>		
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

<b>Inhalation</b>	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
<b>Ingestion</b>	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.
<b>Skin contact</b>	Rinse immediately with plenty of water. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	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 immediately.

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

<b>Ingestion</b>	May cause discomfort if swallowed. Nausea, vomiting. Central nervous system depression.
<b>Eye contact</b>	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

<b>Notes for the doctor</b>	If liquid has entered the eyes, proceed as follows. Rinse immediately with plenty of water.
<b>Specific treatments</b>	Treat symptomatically. In the event of contact with eyes or ingestion seek immediate medical help.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	The product is not flammable. Extinguish with the following media: Water spray, dry powder or carbon dioxide.
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#### 5.2. Special hazards arising from the substance or mixture

<b>Specific hazards</b>	No unusual fire or explosion hazards noted.
<b>Hazardous combustion products</b>	Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Sulphur dioxide. Sulphuric acid (H <sub>2</sub> SO <sub>4</sub> ).

#### 5.3. Advice for firefighters

<b>Special protective equipment for firefighters</b>	No specific recommendations.
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### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	Wear protective clothing as described in Section 8 of this safety data sheet.
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#### 6.2. Environmental precautions

## FIBRE SHAMPOO

**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

#### (2-Methoxymethylethoxy)propanol

Long-term exposure limit (8-hour TWA): WEL 50 ppm 308 mg/m<sup>3</sup>  
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 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

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

## FIBRE SHAMPOO

### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Clear liquid.
<b>Colour</b>	Colourless.
<b>Odour</b>	Lemon. Lime.
<b>Odour threshold</b>	Not determined.
<b>pH</b>	pH (concentrated solution): 5.5 pH (diluted solution): 7 @ 4%
<b>Melting point</b>	Not determined.
<b>Initial boiling point and range</b>	100°C
<b>Flash point</b>	None.
<b>Evaporation rate</b>	Not determined.
<b>Upper/lower flammability or explosive limits</b>	Not applicable.
<b>Vapour pressure</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Relative density</b>	1.0
<b>Solubility(ies)</b>	Soluble in water.
<b>Partition coefficient</b>	Not determined.
<b>Auto-ignition temperature</b>	Not determined.
<b>Viscosity</b>	Not determined.
<b>Explosive properties</b>	Not applicable.
<b>Oxidising properties</b>	Not applicable.

### 9.2. Other information

**Other information** None.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**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

**Possibility of hazardous reactions** Not determined.

### 10.4. Conditions to avoid

**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

## FIBRE SHAMPOO

**Hazardous decomposition products** Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Sulphur dioxide. Sulphuric acid (H<sub>2</sub>SO<sub>4</sub>).

### 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)** 10,859.73

#### Skin corrosion/irritation

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

#### Serious eye damage/irritation

**Serious eye damage/irritation** May cause serious eye damage. May cause permanent damage if eye is not immediately irrigated.

#### Skin sensitisation

**Skin sensitisation** Contains Limonene Mixture of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one

#### Germ cell mutagenicity

**Genotoxicity - in vivo** No effects expected based upon current data.

#### Carcinogenicity

**Carcinogenicity** No effects expected based upon current data.

#### Reproductive toxicity

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

#### Toxicological information on ingredients.

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

#### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> 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 (LD<sub>50</sub> mg/kg)** 1,800.0

**Species** Rat

### SECTION 12: Ecological Information

#### 12.1. Toxicity

#### Ecological information on ingredients.

## FIBRE SHAMPOO

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

<b>Acute toxicity - fish</b>	LC50, : 3.6 mg/l,
<b>Acute toxicity - aquatic invertebrates</b>	EC <sub>50</sub> , : 4.7 mg/l, NOEC, : 0.508 mg/l,
<b>Acute toxicity - aquatic plants</b>	IC <sub>50</sub> , 72 hours: >20 mg/l, Algae

#### 12.2. Persistence and degradability

**Persistence and degradability** 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

**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

**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

#### 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

## FIBRE SHAMPOO

### 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

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** 02/06/2016

**Revision** 4

**Supersedes date** 14/12/2015

**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.

**Hazard statements in full** H290 May be corrosive to metals.  
H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H412 Harmful to aquatic life with long lasting effects.  
EUH208 Contains Mixture of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one. May produce an allergic reaction.

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.