



Product Specification &

SAFETY DATA SHEET

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



B105
FIBRE SHAMPOO

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

Product Name: FIBRE SHAMPOO **Product Code:** B105
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 Email: 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:
 A concentrated blend of high foaming, crystallising neutral detergents and performance additives specially formulated for use on carpet fibres and wet cleanable fabrics. B105 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. B105 has excellent cleaning, quick drying and colour stabilising properties.
 Vacuum carpet or fabric thoroughly to remove dry soil before shampoo cleaning. **Always pretest carpet and fabrics for colour fastness and possible texture change with diluted solution and white towel or tissue before proceeding with application.**
Carpet cleaning: Dilute 30 to 50ml B105 per litre of water (1 to 25). Apply foam evenly by rotary brush machine, sprayer and carpet bonnet pad, or dry foam machine according to machine operating directions, at approx. 10m² - 20m² per 5 litres of mixed solution.
 Reset pile with brush or rake. **Do not overwet.** Replace furniture on protective pads.
Upholstery cleaning: Dilute 40 to 60ml B105 per litre of water (1 to 20). Apply foam only by sponge, soft brush or dry foam machine. **Do not overwet.** For best results vacuum when dry or rinse extract with B109 Fibre & Fabric Rinse solution and leave carpet or fabric to dry thoroughly before reuse.

SECTION 2: HAZARDS IDENTIFICATION

Classification: Irritating to eyes.
Eye Contact: Contact with concentrate may cause irritation.
Skin Contact: Prolonged or repeated contact with concentrate may cause mild irritation.
Inhalation: None expected. Exposure to fine spray mists may cause temporary irritation of the nose and throat.
Ingestion: Ingestion of concentrate may produce mild nausea and diarrhoea.
Environment: No cumulative effects. Raw materials are biodegradable.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE	RISK (See Section 16)	EINECS NO.	CAS NO.	% W/W (EC RANGE)
Ammonium lauryl sulphate	Xi R38 R41	218-793-9	2235-54-3	Less than 5%
Propan-2-ol	F R11 Xi R36 R67	200-661-7	67-63-0	Less than 5%
Sodium lauryl sulphate	Xi R38 R41	271-557-7	68585-47-7	Less than 5%

SECTION 4: FIRST AID MEASURES

Eye Contact: Flush immediately with water for 15 minutes whilst lifting eyelids, then seek medical attention if irritation persists.
Skin Contact: Flush skin with water. Seek medical attention if any skin irritation persists.
Inhalation: If irritated by spray mists, get fresh air and avoid further exposure.
Ingestion: If ingested, rinse mouth thoroughly, drink water or milk and seek immediate medical attention. Do not give anything by mouth if patient is unconscious. **DO NOT 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, sulphur dioxide, sulphuric acid, water and other unidentified thermal decomposition products from this product or its packaging.
Special Protective Equipment: Self contained breathing apparatus for large amounts involved in a fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Protection: Protective clothing, nitrile butyl rubber gloves, safety glasses.
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: Keep from freezing. Avoid extremes of temperature. Keep out of reach of children. Keep in original container.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: Propan-2-ol WEL-LTEL 400ppm WEL-STEL 500ppm.

Environmental Controls: For additional guidance, contact ENVIROWISE at www.envirowise.gov.uk or telephone 0800 585794

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

Protective Clothing: Standard work clothing and nitrile or butyl rubber gloves. Protective gloves should be inspected for wear before use and replaced regularly in accordance with the manufacturers specifications.

Respiratory Protection: For situations where recommended exposure limits may be exceeded or where there is a risk of inhalation of fine spray mists, a dust mask is recommended.

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: High foam clear colourless liquid

Odour: Lemon & Lime

pH Concentrate: 5.5

pH Diluted: 6.9 @ 4%

Boiling Point / Range °C: 100

Flash Point °C: None **Method:** Not applicable

Flammability Limit %: Not applicable

Explosive Properties: Not applicable

Oxidising Properties: Not applicable

Vapour Pressure: Not determined

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: 39.89

% Solids: 15

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: Extremes of temperature.

Incompatibility (Materials to Avoid): Strong oxidising agents. Strong acids. Partially de-activated by anionic cleaning agents.

Hazardous Decomposition Products: Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids and other unidentified thermal decomposition products from this product or its packaging.

SECTION 11: TOXICOLOGICAL INFORMATION

Eye Contact: Contact with concentrate may cause irritation.

Skin Contact: Possible dermatitis from prolonged or repeated contact with concentrate or solutions.

Inhalation: No health effects expected other than possible irritation of respiratory tract by wetting agents in spray form.

Ingestion: Mild irritation of the digestive tract. Mild nervous system effects from propan-2-ol.

Acute and Chronic Effects:

Acute Toxicity: LD50 5840 mg/kg (oral-rat) (propan-2-ol)

LD50 12800 mg/kg (dermal-rabbit) (propan-2-ol)

LD50 4h 47-73mg/l (inhalation-rabbit) (propan-2-ol)

LD50 2000 mg/kg (oral-rat) (sodium lauryl sulphate)

LD50 2000 mg/kg (oral-rat) (ammonium lauryl sulphate)

Corrosivity / Irritation: Skin, eye and respiratory

Sensitisation: This product contains limonene.

Repeated Dose Toxicity: Not established

Mutagenicity: None

Carcinogenicity: None

Teratogenicity: None

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: Low aquatic and mammalian toxicity.

LC50 24h >1000mg/l (daphnia) (propan-2-ol)

EC50 48h 4600mg/l (daphnia) (propan-2-ol)

LC50 96h 9600mg/l (fathead minnow) (propan-2-ol)

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: None

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: Xi IRRITANT

Risk Phrases

R36 Irritating to eyes.

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: R11 Highly flammable. R36 Irritating to eyes.

R38 Irritating to skin. R41 Risk of serious damage to eyes. R67

Vapours may cause drowsiness and dizziness.

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 B105 Issue / Revision Date 01/06/07 Revised Sections: 1, 2, 3, 15, 16.