



B106

FINE FABRIC DETERGENT

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

1.1. **Product Identifier:** FINE FABRIC DETERGENT **Product Code:** B106

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

Prochem Fine Fabric Detergent is a new technology advanced formulation for professional extraction cleaning of wet-cleanable upholstery fabrics, delicate fibres and rugs. Fine Fabric Detergent will help to remove surface oils and binding soils.

WOOLSAFE approved maintenance product for wool carpets and rugs.

Thoroughly dry vacuum fabric before wet cleaning, to remove all dry soil.

Portable Extractors: Dilute 15 ml of Fine Fabric Detergent per litre of warm to hot water (1 to 66) in the machine solution tank.

Truck mounts: Dilute 1 part Fine Fabric Detergent with 4 parts water and set meter at 2 to 4 GPH.

Always pretest fabric in an inconspicuous area with ready-to-use solution for colour fastness and possible colour or texture change before proceeding.

If colours bleed or colour change occurs, test with B109 Fibre & Fabric Rinse and use accordingly. If texture change occurs or fabric is sensitive to water, dry clean only.

Pre-spray heavily soiled areas with B107 Prespray Gold, then extraction clean using a fine jet upholstery tool, with even over-lapping strokes.

Lightly spray fabric with B109 Fibre & Fabric Rinse solution according to label directions, then blot with clean white towel.

1.3. Details of the supplier of the safety data sheet:

Prochem Europe Ltd., Oakcroft Road, Chessington, Surrey KT9 1RH, UK. Telephone No (office hours 8am to 5pm, Monday to Friday 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

1.4. Emergency telephone number:

020 8974 1515 (UK) +44 20 8974 1515 (office hours 8am to 5pm, Monday to Friday only).

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 (1999/45/EC): Not classified as hazardous.

Most important adverse effects:

Eye Contact: Contact with concentrate may cause eye irritation.

Skin Contact: Prolonged contact with concentrate may cause mild irritation.

Inhalation: None expected. Inhalation may cause mild irritation of the nose, throat and lungs.

Ingestion: Ingestion of concentrate may produce mild nausea and diarrhoea.

Environment: Raw materials are biodegradable. See Ecological Information for further details.

2.2. Label elements:

For professional and industrial use only.

Keep out of the reach of children.

Avoid contact with skin and eyes.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Wear suitable gloves.

2.3. Other hazards:

See section 8 for details of exposure limits.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.2. Mixtures:

SUBSTANCE	RISK (See Section 16)	H Statements	EINECS NO.	CAS NO.	% W/W (EC RANGE)
Sodium xylene sulphonate	Xi R36/37/38	Not currently available	215-090-9	1300-72-7	1 to 5%
Tetrapotassium pyrophosphate	Xi R36	Eye Irrit 2 H319	230-785-7	7320-34-5	1 to 5%
(2-methoxymethylethoxy)propanol	None (community exposure limit)	Not currently available	252-104-2	34590-94-8	1 to 5%

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures:

Eye Contact: Flush immediately with water for 15 minutes, then seek medical attention.

Skin Contact: Wash skin with soap and water. Seek medical attention if any skin irritation persists.

Inhalation: Get fresh air and seek medical assistance if breathing is difficult.

Ingestion: If small amounts are ingested, drink water and seek immediate medical attention. Do not give anything by mouth if

patient is unconscious. DO NOT induce vomiting unless directed to do so by medical personnel.

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

Inhalation of mist or vapour may cause temporary respiratory irritation and possible CNS effects.

Ingestion may cause gastro-intestinal irritation, nausea and diarrhoea.

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

If swallowed seek medical attention.

SECTION 5: FIRE FIGHTING MEASURES

5.1. Extinguishing Media:

Product is not flammable. Use water, carbon dioxide, dry powder extinguisher, or other media appropriate for materials actually involved in fire.

5.2. Special hazards arising from the substance or mixture:

No explosion hazards. Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids, water and other unidentified thermal decomposition products from this product or its packaging.

5.3. Advice for firefighters:

Self-contained breathing apparatus for large amounts involved in fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures:

Wear protective clothing as described in section 8 of this sds.

6.2. Environmental precautions:

Raw materials are biodegradable and product is not classified as harmful to the environment.

6.3. Methods and material for containment and cleaning up:

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.

6.4. Reference to other sections:

See sections 8 and 13 for further information.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling:

Wear nitrile rubber gloves and safety glasses when handling concentrate. Wash hands and clothing after use or spill. Do not eat or drink when handling chemicals.

7.2. Conditions for safe storage, including any incompatibilities:

Avoid extremes of temperature.

Keep out of reach of children. Keep in original container.

7.3. Specific end use(s):

Prochem Fine Fabric Detergent is a new technology advanced formulation for professional extraction cleaning of wet-cleanable upholstery fabrics, delicate fibres and rugs.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters:

(2-methoxymethylethoxy)propanol (IOELV) WEL-LTEL 50ppm (308mg/m³) (Sk).

8.2. Exposure controls:

Eye/Face Protection: Side shield safety glasses are recommended when handling concentrate.

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

Respiratory Protection: Not normally required.

Ventilation: Normal air circulation.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties:

Appearance: Moderate foam turquoise liquid

Odour: Tropical lemon refresh

Odour Threshold: Not determined

pH Concentrate: 8 **pH Diluted:** 8.5

Melting point/freezing point °C: Not determined

Initial boiling point and boiling range °C: 100

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

Evaporation Rate: Not determined

Flammability (solid, gas): Not flammable

Upper/lower flammability or explosive limits: Not applicable

Vapour Pressure: Not determined

Vapour Density: Not determined

Relative Density (Water = 1): 1.0476

Solubility(ies): 100%

Partition Coefficient (N-octanol / Water): Not determined

Auto-ignition temperature: Not determined

Decomposition temperature: Not determined

Viscosity: Not determined

Explosive Properties: Not applicable

Oxidising Properties: Not applicable

% Active: 12.5543

% Solids: 11

9.2. Other Information:

None.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity:

Stable under normal conditions.

10.2. Chemical stability:

Stable

10.3. Possibility of hazardous reactions:

Not determined.

10.4. Conditions to Avoid:

Extremes of temperature.

10.5. Incompatible materials:

Strong oxidising or alkaline agents.

10.6. Hazardous Decomposition Products:

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

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects:

LD50 >2000mg/kg (oral-rat) (sodium xylene sulphonate)

LD50 >2000mg/kg (oral-rat) (tetrapotassium pyrophosphate)

LD50 >3500mg/kg (oral-rat) [(2-methoxymethylethoxy)propanol]

LD50 20mg/l (dermal-rabbit) [(2-methoxymethylethoxy)propanol]

LC50 7h >500ppm (inhalation-rat)

[(2-methoxymethylethoxy)propanol]

No health effects expected in normal use. Inhalation of mist or vapour may cause temporary respiratory irritation and possible CNS effects. Ingestion may cause gastro-intestinal irritation, nausea and diarrhoea.

Irritation:

Eyes coming into contact with concentrate may produce transient irritation if not promptly rinsed.

Possible skin irritation and/or dermatitis from prolonged or repeated contact with concentrate or working solution.

Corrosivity: Not corrosive.

Sensitisation: The perfume in this product contains limonene and hexyl cinnamal.

Repeated Dose Toxicity: Not established

Carcinogenicity: No effects expected based upon current data.

Mutagenicity: No effects expected based upon current data.

Toxicity for reproduction: No effects expected based upon current data.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity:

EC50 48h 1919mg/l (daphnia)

[(2-methoxymethylethoxy)propanol]

LC50 96h >10000mg/l (goldfish)

[(2-methoxymethylethoxy)propanol]

EC50 96h >969mg/l (green algae)

[(2-methoxymethylethoxy)propanol]

12.2. 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.

12.3. Bioaccumulative Potential:

Not known.

12.4. Mobility in soil:

Soluble in water.

12.5. Results of PBT and vPvB assessment:

Report not required.

12.6. Other adverse effects:

None known or no relevant data available for substances in this mixture.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods:

Cleaning waste 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

14.1. UN number: None

14.2. UN Proper Shipping Name: None

14.3. Transport hazard class(es):

Road (ADR): None

Sea (IMDG): None

Rail (RID): None

14.4. Packing Group: None

14.5. Environmental hazards: None

14.6. Special precautions for user: No special precautions required other than those previously mentioned in this safety data sheet.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not intended to be carried as bulk.

SECTION 15: REGULATORY INFORMATION

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

The information given has been compiled with reference to the **CHEMICALS (HAZARD INFORMATION AND PACKAGING FOR SUPPLY) REGULATIONS (CHIP 4) 2009** (as amended), **REGULATION (EC) No 1272/2008 on CLASSIFICATION, LABELLING and PACKAGING of substances and mixtures**, 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.

15.2. Chemical safety assessment

Not currently available.

SECTION 16: OTHER INFORMATION

Full text of Risk phrases referred to in Section 2 and 3:

R36 Irritating to eyes. R37 Irritating to respiratory system. R38 Irritating to skin.

Full text of Hazard Statements referred to in Section 2 and 3:

H319 Causes serious eye irritation.

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 B106 Issue / Revision Date 06/04/10

Revised Sections: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16.