Product Specification &

SAFETY DATA SHEET

CHIP / EC FORMAT (EC) 1907/2006

B108

FABRIC RESTORER

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

Product Name: FABRIC RESTORER **Product Code:** B108
Manufacturer: 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
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 high concentrate blend of detergents and new low odour solvents, formulated for use on heavily soiled areas of wet cleanable upholstery fabric. Fabric Restorer will effectively remove grease, hair oil and body contact soils and give a pronounced brightness to fibres and fabrics.
Dilute 60ml of B108 per litre of warm water (1 to 16).
Always pretest fabric for colour fastness and possible colour or texture change with diluted solution before proceeding.
Do not use on water sensitive fabrics.
Apply by hand sprayer or mix in bucket and apply foam by upholstery brush to all heavily soiled areas. Agitate with brush, then blot or wipe with clean white towel.
If required, rinse extract with B109 Fibre & Fabric Rinse or B145 Fab Clean according to label directions.

SECTION 2: HAZARDS IDENTIFICATION
Classification: Irritating to eyes.
Eye Contact: Contact with concentrate may cause moderate eye irritation.
Skin Contact: Prolonged or repeated contact with concentrate may cause irritation and/or possible dermatitis.
Inhalation: Exposure to fine spray mists may cause respiratory irritation and breathing difficulty.
Ingestion: Ingestion of concentrate may produce nausea, gastric irritation and systemic effects.
Environment: Raw materials are biodegradable. See Ecological Information for further details.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE	RISK (See Section 16)	EINECS NO.	CAS NO.	% W/W (EC RANGE)
(2-methoxymethylethoxy)propanol	None	252-104-2	34590-94-8	5 to 15%
Tetrapotassium pyrophosphate	Xi R36	230-785-7	7320-34-5	Less than 5%
Sodium xylenesulphonate	Xi R36/37/38	215-090-9	1300-72-7	Less than 5%
Ammonium lauryl sulphate	Xi R41 R38	218-793-9	2235-54-3	Less than 5%
Disodium maleate	Xi R36	206-738-1	371-47-1	Less than 5%
Alcohols, C7-21 ethoxylated	Xi R41 R38	None	68991-48-0	Less than 5%
Perfume (IFRA certified)	Xn R65 Xi R38 R43 N R51/53	None	None	Less than 1%

SECTION 4: FIRST AID MEASURES
Eye Contact: Flush immediately with water for 15 minutes, then seek medical attention.
Skin Contact: Flush skin with plenty of water. Seek medical attention if any skin irritation persists.
Inhalation: Get fresh air and seek medical assistance if breathing is difficult or recovery is slow.
Ingestion: 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.

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, 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 fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES
Personal Protection: Protective clothing, nitrile butyl rubber gloves, chemical splash goggles, adequate ventilation.
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. Ensure good ventilation.
Storage Precautions: Avoid extremes of temperature. Keep out of reach of children. Keep in original container.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION
Exposure Limits: (2-methoxymethylethoxy)propanol (IOELV) WEL-LTEL 50ppm (308mg/m^3) (Sk).
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 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 suitable respirator face mask is recommended.
Ventilation: Ensure adequate ventilation and good air circulation.
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: Moderate foam clear straw liquid
Odour: Lemon citrus
pH Concentrate: 9 **pH Diluted:** 9
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): 1.05
Solubility: 100%
Partition Coefficient (N-octanol / Water): Not determined
Viscosity: Not determined
Vapour Density: Not determined
Evaporation Rate: Not determined
% Active: 34.8
% Solids: 23

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable
Conditions to Avoid: Extremes of temperature.
Incompatibility (Materials to Avoid): Strong oxidising or alkaline materials.
Hazardous Decomposition Products: Exposure to fire may liberate carbon dioxide, carbon monoxide, water and other unidentified thermal decomposition products from this product or its packaging.

SECTION 11: TOXICOLOGICAL INFORMATION

Eye Contact: Contact with liquid may produce moderate transient eye irritation if not promptly rinsed.
Skin Contact: Possible mild irritation and/or dermatitis from prolonged or repeated contact with concentrate or working solution.
Inhalation: Inhalation of mist or vapour may cause temporary respiratory irritation; temporary nervous system effects including dizziness, weakness, fatigue, nausea and headache.
Ingestion: May cause temporary gastrointestinal irritation with nausea, vomiting and diarrhoea.
Acute and Chronic Effects:
Acute Toxicity: LD50 >3500mg/kg (oral-rat) [(2-methoxymethylethoxy)propanol]
LD50 20mg/l (dermal-rabbit) [(2-methoxymethylethoxy)propanol]
LC50 7h >500ppm (inhalation-rat) [(2-methoxymethylethoxy)propanol]
LD50 >2000mg/kg (oral–rat) (sodium xylenesulphonate)
LD50 >2000mg/kg (oral–rat) (ammonium lauryl sulphate)
Corrosivity / Irritation: Skin, eye and respiratory
Sensitisation: Contains limonene, citral, linalool, geraniol.
Repeated Dose Toxicity: Not established
Mutagenicity: None
Carcinogenicity: None
Teratogenicity: None

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: 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]
Mobility: Soluble in water.
Persistence and Degradability: The raw material ingredients in this product are biodegradable within the scope of current EC legislation. 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: Not classified as hazardous for transport
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 4) 2009** (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: R36 Irritating to eyes. R37 Irritating to respiratory system. R38 Irritating to skin. R41 Risk of serious damage to eyes. R43 May cause sensitisation by skin contact. R51 Toxic to aquatic organisms. R53 May cause long-term adverse effects in the aquatic environment. R65 Harmful: may cause lung damage if swallowed.
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 B108 Issue / Revision Date 11/03/08
Revised Sections: 1, 3, 8, 11, 12, 15.