



SAFETY DATA SHEET FABRIC RESTORER

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

1.1. Product identifier

Product name FABRIC RESTORER
Product number B108

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

Identified uses A high concentrate blend of detergents and 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.

1.3. Details of the supplier of the safety data sheet

Supplier 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 Causes serious eye damage. Prolonged or repeated exposure may cause the following adverse effects: skin irritation and dermatitis. Spray/mists may cause respiratory tract irritation. Ingestion may cause: Gastrointestinal symptoms, including upset stomach. Nausea, vomiting. Diarrhoea.

Environmental The product is expected to be biodegradable. The product is not expected to be hazardous to the environment.

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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, Alcohols, C7-21 ethoxylated

Detergent labelling

5 - < 15% anionic surfactants, < 5% cationic surfactants, < 5% EDTA and salts thereof, < 5% non-ionic surfactants, < 5% perfumes, < 5% phosphates, Contains d-Limonene, Citral, Linalool, Geraniol, Methylchloroisothiazolinone, Methylisothiazolinone

2.3. Other hazards

See section 8 for details of exposure limits.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

(2-Methoxymethylethoxy)propanol		5-10%
CAS number: 34590-94-8	EC number: 252-104-2	
Substance with a Community workplace exposure limit.		
Classification	Classification (67/548/EEC or 1999/45/EC)	
Not Classified	-	
Tetrapotassium pyrophosphate		1-5%
CAS number: 7320-34-5	EC number: 230-785-7	
Classification	Classification (67/548/EEC or 1999/45/EC)	
Eye Irrit. 2 - H319	Xi;R36.	
Sodium xylenesulphonate		1-5%
CAS number: 1300-72-7	EC number: 215-090-9	
Classification	Classification (67/548/EEC or 1999/45/EC)	
Eye Irrit. 2 - H319	Xi;R36.	

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Sulfuric acid, mono-C12-14 (even numbered) alkyl esters, ammonium salts		1-5%
CAS number: —		EC number: 931-558-1
Classification	Classification (67/548/EEC or 1999/45/EC)	
Met. Corr. 1 - H290	Xn;R22. Xi;R38,R41.	
Acute Tox. 4 - H302		
Skin Irrit. 2 - H315		
Eye Dam. 1 - H318		
Aquatic Chronic 3 - H412		
Styrene/maleic acid copolymer		1-5%
CAS number: 52500-92-2		
Classification	Classification (67/548/EEC or 1999/45/EC)	
Eye Irrit. 2 - H319	Xi;R36.	
Alcohols, C7-21 ethoxylated		1-5%
CAS number: 68991-48-0		
Classification	Classification (67/548/EEC or 1999/45/EC)	
Skin Irrit. 2 - H315	Xi;R38,R41.	
Eye Dam. 1 - H318		
Quaternary alkyl methyl amine ethoxylate methyl chloride		<1%
CAS number: 70750-47-9		
M factor (Acute) = 1		
Classification	Classification (67/548/EEC or 1999/45/EC)	
Acute Tox. 4 - H302	Xn;R22. Xi;R38,R41. N;R50.	
Skin Irrit. 2 - H315		
Eye Dam. 1 - H318		
Aquatic Acute 1 - H400		

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. 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. Continue to rinse for at least 15 minutes and get medical attention.

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

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Inhalation	Irritation of nose, throat and airway. Vapours may cause headache, fatigue, dizziness and nausea.
Skin contact	Prolonged contact may cause redness, irritation and dry skin.
Eye contact	Causes serious eye damage.

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

Specific treatments	Treat symptomatically. IF IN EYES: Rinse immediately with plenty of water.
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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.
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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.

5.3. Advice for firefighters

Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet.
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6.2. Environmental precautions

Environmental precautions	Avoid discharge into drains or watercourses or onto the ground.
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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.
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6.4. Reference to other sections

Reference to other sections	For personal protection, see Section 8. For waste disposal, see Section 13.
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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.
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7.2. Conditions for safe storage, including any incompatibilities

Storage precautions	Do not store near heat sources or expose to high temperatures. Store in closed original container at temperatures between 5°C and 30°C. Keep out of the reach of children.
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7.3. Specific end use(s)

Specific end use(s)	The identified uses for this product are detailed in Section 1.2.
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SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

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Occupational exposure limits

(2-Methoxymethylethoxy)propanol

Long-term exposure limit (8-hour TWA): WEL 50 ppm 308 mg/m³
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

Wear protective gloves. 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

9.1. Information on basic physical and chemical properties

Appearance	Clear liquid.
Colour	Straw.
Odour	Lemon. Citrus.
Odour threshold	Not determined.
pH	pH (concentrated solution): 9 pH (diluted solution): 9
Initial boiling point and range	100°C
Evaporation rate	Not determined.
Upper/lower flammability or explosive limits	Not determined.
Vapour density	Not determined.
Relative density	1.05
Solubility(ies)	Soluble in water.
Partition coefficient	Not determined.
Auto-ignition temperature	Not determined.
Viscosity	Not determined.
Explosive properties	Not applicable.

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Oxidising properties Not applicable.

9.2. Other information

Other information None.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity None known.

10.2. Chemical stability

Stability Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Not determined.

10.4. Conditions to avoid

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

10.5. Incompatible materials

Materials to avoid Strong oxidising agents. Alkalis.

10.6. Hazardous decomposition products

Hazardous decomposition products Thermal decomposition or combustion products may include the following substances: Oxides of carbon.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects Excessive inhalation of spray, mist or vapour may cause temporary respiratory irritation. Vapours may cause headache, fatigue, dizziness and nausea. Ingestion may cause: Gastrointestinal symptoms, including upset stomach. Nausea, vomiting. Diarrhoea.

Acute toxicity - oral

ATE oral (mg/kg) 16,666.66666667

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 Causes serious eye damage.

Skin sensitisation

Skin sensitisation Contains Limonene Citral Linalool Geraniol

Germ cell mutagenicity

Genotoxicity - in vitro 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.

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Toxicological information on ingredients.

(2-Methoxymethylethoxy)propanol

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 5,135

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 20

Species Rabbit

Sodium xylenesulphonate

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 7,200

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 2,000

Species Rabbit

SECTION 12: Ecological Information

12.1. Toxicity

Ecological information on ingredients.

(2-Methoxymethylethoxy)propanol

Acute toxicity - fish LC₅₀, 96 hours: >10000 mg/l, Fish

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 1919 mg/l, Daphnia magna

Acute toxicity - aquatic plants IC₅₀, 72 hours: >969 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.

Ecological information on ingredients.

(2-Methoxymethylethoxy)propanol

Chemical oxygen demand 2.02

12.3. Bioaccumulative potential

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Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient Not determined.

Ecological information on ingredients.

(2-Methoxymethylethoxy)propanol

Partition coefficient : -0.35

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

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

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

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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).
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	18/05/2015
Revision	2
Supersedes date	23/07/2012
Signature	Aaron Saunders
Risk phrases in full	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.
Hazard statements in full	H290 May be corrosive to metals. H302 Harmful if swallowed. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H400 Very toxic to aquatic life. H412 Harmful to aquatic life with long lasting effects.

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.