

The logo for Prochem, featuring the word "PROCHEM" in a bold, white, sans-serif font with a registered trademark symbol, set against a blue rectangular background.

SAFETY DATA SHEET

CONTRACT CARPET FOAM SHAMPOO

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

1.1. Product identifier

Product name CONTRACT CARPET FOAM SHAMPOO
Product number B103

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

Identified uses Contract Carpet Foam Shampoo is a gentle and biodegradable blend of neutral high foaming cleaning agents for use in carpet rotary and dry foam shampoo cleaning machines. Contract Carpet Foam Shampoo can also be applied by brush or sponge to carpets, rugs and wet cleanable upholstery subject to pretesting as directed.

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

Classification (67/548/EEC or 1999/45/EC)

Xi;R36.

Human health

Causes serious eye damage. Prolonged contact may cause redness, irritation and dry skin. Gas or vapour in high concentrations may irritate the respiratory system. Ingestion may cause: Nausea, vomiting. Diarrhoea.

Environmental

The product is expected to be biodegradable.

CONTRACT CARPET FOAM SHAMPOO**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, Sulfuric acid, C12-14-alkyl (even numbered) esters, sodium salts

Detergent labelling

5 - < 15% anionic surfactants, < 5% perfumes, < 5% phosphates, Contains DMDM Hydantoin, Iodopropynyl butylcarbamate, Methylchloroisothiazolinone, Methylisothiazolinone

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	<7%
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	
Sulfuric acid, C12-14-alkyl (even numbered) esters, sodium salts	<3%
CAS number: 85586-07-8 EC number: 287-809-4	
Classification	Classification (67/548/EEC or 1999/45/EC)
Skin Irrit. 2 - H315	Xn;R22. Xi;R38,R41.
Eye Dam. 1 - H318	
Acute Tox. 4 - H302	

CONTRACT CARPET FOAM SHAMPOO

Propan-2-ol 1-5%	
CAS number: 67-63-0 EC number: 200-661-7	
Classification Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336 STOT SE 3 - H336	Classification (67/548/EEC or 1999/45/EC) F;R11 Xi;R36 R67
Heptan-2-one <0.0001%	
CAS number: 110-43-0 EC number: 203-767-1	
Classification Flam. Liq. 3 - H226 Acute Tox. 4 - H302 Acute Tox. 4 - H332	Classification (67/548/EEC or 1999/45/EC) R10 Xn;R20/22

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

Give plenty of water to drink. Rinse mouth thoroughly with water. Get medical attention immediately. Never give anything by mouth to an unconscious person. 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. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

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

Ingestion

May cause discomfort if swallowed. Nausea, vomiting. Diarrhoea.

Skin contact

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

Eye contact

Causes serious eye damage.

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

Notes for the doctor

Treat symptomatically.

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.

5.2. Special hazards arising from the substance or mixture

Specific hazards

No unusual fire or explosion hazards noted.

CONTRACT CARPET FOAM SHAMPOO

Hazardous combustion products

Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Sulphur dioxide. Sulphuric acid (H₂SO₄).

5.3. Advice for firefighters

Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

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.

6.2. Environmental precautions

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

Keep out of the reach of children. Store at temperatures between 5°C and 30°C. Store above freezing.

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

Propan-2-ol

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m³

Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m³

Heptan-2-one

Long-term exposure limit (8-hour TWA): WEL 50 ppm(Sk) 237 mg/m³(Sk)

Short-term exposure limit (15-minute): WEL 100 ppm(Sk) 475 mg/m³(Sk)

WEL = Workplace Exposure Limit

8.2. Exposure controls

Protective equipment

CONTRACT CARPET FOAM SHAMPOO



Appropriate engineering controls

Provide adequate ventilation.

Eye/face protection

Side shield safety glasses are recommended when handling this product.

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

Colourless.

Odour

Floral

Odour threshold

Not determined.

pH

pH (concentrated solution): 6.5 pH (diluted solution): 7

Melting point

Not determined.

Initial boiling point and range

100°C

Flash point

Not applicable.

Evaporation rate

Not determined.

Upper/lower flammability or explosive limits

Not applicable.

Vapour pressure

Not determined.

Vapour density

Not determined.

Relative density

1.01

Solubility(ies)

Soluble in water.

Partition coefficient

CONTRACT CARPET FOAM SHAMPOO

Not determined.

Auto-ignition temperature

Not determined.

Viscosity

Not determined.

Explosive properties

Not applicable.

Oxidising properties

Not applicable.

9.2. Other information

Other information

None.

SECTION 10: Stability and reactivity

10.1. 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

Not determined.

10.4. 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. Strong alkalis.

10.6. Hazardous decomposition products

Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Sulphur dioxide. Sulphuric acid (H₂SO₄).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects

Excessive inhalation of spray, mist or vapour may cause temporary respiratory irritation. Possible mild irritation of digestive tract from detergent component. Ingestion may cause: Nausea, vomiting. Diarrhoea.

Acute toxicity - oral

ATE oral (mg/kg)

11,844.20137511

Skin corrosion/irritation

Skin corrosion/irritation

Prolonged or repeated exposure may cause the following adverse effects:, skin irritation and dermatitis.

Serious eye damage/irritation

Causes serious eye damage. May cause severe eye irritation.

Skin sensitisation

None known.

Germ cell mutagenicity

Genotoxicity - in vivo

CONTRACT CARPET FOAM SHAMPOO

No effects expected based upon current data.

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 (LD50 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 (LD50 mg/kg)

1,800

Species

Rat

Propan-2-ol

Acute toxicity - oral

Acute toxicity oral (LD50 mg/kg)

2,000

Species

Rat

Acute toxicity - dermal

Acute toxicity dermal (LD50 mg/kg)

2000

Species

Rabbit

SECTION 12: Ecological Information

12.1. Toxicity

CONTRACT CARPET FOAM SHAMPOO

Ecological information on ingredients.

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

Acute toxicity - fish

LC50, : 3.6 mg/l,

Acute toxicity - aquatic invertebrates

EC₅₀, : 4.7 mg/l, NOEC, : 0.508 mg/l,

Acute toxicity - aquatic plants

IC₅₀, 72 hours: >20 mg/l, Algae

Propan-2-ol

Acute toxicity - fish

LC50, 48 hours: > 100 mg/l, Leuciscus idus (Golden orfe)

Acute toxicity - aquatic invertebrates

EC₅₀, 48 hours: >100 mg/l, Daphnia magna

Acute toxicity - aquatic plants

EC₅₀, 72 hours: > 100 mg/l, Scenedesmus subspicatus

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

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

This product does not contain any substances classified as PBT or vPvB.

12.6. 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 -

CONTRACT CARPET FOAM SHAMPOO**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

Not applicable.

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). 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 13/02/2015**Revision** 3**Supersedes date** 30/07/2013**Signature** Aaron Saunders**Risk phrases in full**

R11 Highly flammable.
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.
R67 Vapours may cause drowsiness and dizziness.

Hazard statements in full

CONTRACT CARPET FOAM SHAMPOO

H225 Highly flammable liquid and vapour.

H290 May be corrosive to metals.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H412 Harmful to aquatic life with long lasting effects.

Disclaimer

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.