SAFETY DATA SHEET
NATURAL CARPET CLEANER

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

1.1. Product identifier
Product name  NATURAL CARPET CLEANER
Product number  E772

1.2. Relevant identified uses of the substance or mixture and uses advised against
Identified uses  Biodegradable carpet extraction cleaner.
               WOOLSAFE approved maintenance product for wool carpets and rugs.
               Gentle pH safe for all types of carpet, including wool and stain-resistant nylon.

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  Not Classified
Environmental hazards  Not Classified

Human health  May cause temporary skin or eye irritation. Considered to be a low inhalation hazard at normal workplace temperatures. Ingestion may cause: nausea irritation Diarrhoea.

Environmental  The product is expected to be biodegradable.

2.2. Label elements
Hazard statements  NC Not Classified
NATURAL CARPET CLEANER

Precautionary statements
P102 Keep out of reach of children.
P262 Do not get in eyes, on skin, or on clothing.
P280 Wear protective gloves.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P315 Get immediate medical advice/attention.

Detergent labelling
< 5% anionic surfactants, < 5% non-ionic surfactants, < 5% perfumes, Contains DMDM Hydantoin, Iodopropynyl butylcarbamate

2.3. Other hazards
See section 8 for details of exposure limits.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alkane C6-C8 (even numbered), 1-sulphonic acid, sodium salt</td>
<td>&lt;5%</td>
</tr>
<tr>
<td>CAS number: —</td>
<td>EC number: 939-625-7</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Classification</th>
<th>Classification (67/548/EEC or 1999/45/EC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Tox. 4 - H302</td>
<td>Xn;R22. Xi;R36/38.</td>
</tr>
<tr>
<td>Skin Irrit. 2 - H315</td>
<td></td>
</tr>
<tr>
<td>Eye Irrit. 2 - H319</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2-Ethyl hexanol EO-PO</th>
<th>&lt;5%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 64366-70-7</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye Irrit. 2 - H319</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>(2-Methoxymethylethoxy)propanol</th>
<th>1-5%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 34590-94-8</td>
<td>EC number: 252-104-2</td>
</tr>
<tr>
<td>Substance with a Community workplace exposure limit.</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Classification</th>
<th>Classification (67/548/EEC or 1999/45/EC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Classified</td>
<td>-</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Condition</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Never give anything by mouth to an unconscious person. Get medical attention.</td>
</tr>
<tr>
<td>Skin contact</td>
<td>Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.</td>
</tr>
</tbody>
</table>
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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 any discomfort continues.

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

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

Eye contact
May cause temporary eye irritation.

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

Specific treatments
Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media
The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. 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.

Hazardous combustion products
Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Acids - organic. Sulphurous gases (SOx).

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 in closed original container at temperatures between 5°C and 30°C. Store in a cool and well-ventilated place. Store away from the following materials: Oxidising materials. Alkalis.
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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.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters
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 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
Not required in normal use.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties
Appearance Clear liquid.
Colour Colourless.
Odour Natural lemongrass and herbal.
PH pH (concentrated solution): 9 pH (diluted solution): 7.5
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 1.05
Solubility(ies) Soluble in water.
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<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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<tbody>
<tr>
<td>Partition coefficient</td>
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<tr>
<td>Viscosity</td>
<td>Not determined.</td>
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<tr>
<td>Explosive properties</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>Not applicable.</td>
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</tbody>
</table>

9.2. Other information

Other information

None.

SECTION 10: Stability and reactivity

10.1. Reactivity

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

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


10.6. Hazardous decomposition products

Hazardous decomposition products

Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Acids - organic. Sulphurous gases (SOx).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects

Ingestion may cause: Gastrointestinal symptoms, including upset stomach, irritation nausea. Considered to be a low inhalation hazard at normal workplace temperatures. Excessive inhalation of spray, mist or vapour may cause temporary respiratory irritation. Systemic effects

Acute toxicity - oral

ATE oral (mg/kg) 33,783.78378378

Skin corrosion/irritation

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

Serious eye damage/irritation

May cause temporary eye irritation.

Skin sensitisation

None known.

Germ cell mutagenicity

None known.

Genotoxicity - in vivo

No effects expected based upon current data.

Carcinogenicity
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Carcinogenicity
No effects expected based upon current data.

Reproductive toxicity
Reproductive toxicity - fertility
No effects expected based upon current data.

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

SECTION 12: Ecological Information

12.1. Toxicity

Toxicity
The product is not expected to be hazardous to the environment.

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

Bioaccumulative potential
Not known.

Partition coefficient
Not determined.

Ecological information on ingredients.
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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

None.

14.3. Transport hazard class(es)

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

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

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EU legislation

15.2. Chemical safety assessment
No chemical safety assessment has been carried out.

<table>
<thead>
<tr>
<th>SECTION 16: Other information</th>
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</thead>
<tbody>
<tr>
<td>General information</td>
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<tr>
<td>Revision comments</td>
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<tr>
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<tr>
<td>Hazard statements in full</td>
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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.