



**SAFETY DATA SHEET**  
**LOW FOAM CARPET & UPHOLSTERY SHAMPOO**

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

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**1.1. Product identifier**

**Product name** LOW FOAM CARPET & UPHOLSTERY SHAMPOO

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

**Identified uses** Carpet & Upholstery Cleaner

**Uses advised against** This product is not recommended for any other purpose than stated above.

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

**Supplier** A-CHEM LTD  
DUNSFORD ROAD  
MEADOW LANE INDUSTRIAL ESTATE  
ALFRETON  
DERBYSHIRE  
DE55 7RH  
www.achem.co.uk  
TEL: 01773 833881  
FAX: 01773 830616  
sales@achem.co.uk

**Contact person** Andrew Davis

**1.4. Emergency telephone number**

**Emergency telephone** As Above - Opening Hours 9 am - 4 pm (Monday - Friday)

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**SECTION 2: Hazards identification**

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**2.1. Classification of the substance or mixture****Classification****Physical hazards**

Not Classified

**Health hazards**

Not Classified

**Environmental hazards**

Not Classified

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

**2.2. Label elements****Hazard statements**

NC Not Classified

**Detergent labelling**

5 - < 15% non-ionic surfactants, < 5% amphoteric surfactants, < 5% EDTA and salts thereof, < 5% phosphates

**2.3. Other hazards**

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

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**SECTION 3: Composition/information on ingredients**

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**3.2. Mixtures**

## LOW FOAM CARPET & UPHOLSTERY SHAMPOO

<b>2-Butoxyethanol</b>	<b>5-10%</b>
CAS number: 111-76-2    EC number: 203-905-0	
<b>Classification</b> Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xn;R20/21/22 Xi;R36/38
<b>Non-ionic Surfactant</b>	<b>1-5%</b>
CAS number: –    EC number: –	
<b>Classification</b> Not Classified	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xn;R22. Xi;R41.

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

Get medical attention if any discomfort continues.

##### Ingestion

Remove affected person from source of contamination. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention.

##### Skin contact

Remove affected person from source of contamination. Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.

##### Eye contact

Remove any contact lenses and open eyelids wide apart. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes and get medical attention.

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

##### General information

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

##### Inhalation

No specific symptoms known.

##### Ingestion

May cause discomfort if swallowed. May cause stomach pain or vomiting.

##### Skin contact

Prolonged contact may cause redness, irritation and dry skin.

##### Eye contact

May cause temporary eye irritation.

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

##### Notes for the doctor

No specific recommendations. If in doubt, get medical attention promptly.

### 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.

#### 5.2. Special hazards arising from the substance or mixture

##### Specific hazards

The product is non-combustible. Irritating gases or vapours. Thermal decomposition or combustion products may include the following substances: Acrid smoke or fumes. Carbon. Nitrogen. No unusual fire or explosion hazards noted.

##### Hazardous combustion products

## LOW FOAM CARPET & UPHOLSTERY SHAMPOO

Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

### **5.3. Advice for firefighters**

#### **Protective actions during firefighting**

Avoid breathing fire gases or vapours. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

#### **Special protective equipment for firefighters**

Use air-supplied respirator, gloves and protective goggles. Use protective equipment appropriate for surrounding materials.

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## **SECTION 6: Accidental release measures**

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### **6.1. Personal precautions, protective equipment and emergency procedures**

#### **Personal precautions**

Avoid contact with skin and eyes. For personal protection, see Section 8.

### **6.2. Environmental precautions**

#### **Environmental precautions**

Do not discharge into drains or watercourses or onto the ground. To prevent release, place container with damaged side up. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

### **6.3. Methods and material for containment and cleaning up**

#### **Methods for cleaning up**

Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Stop leak if possible without risk. Dike far ahead of larger spills for later disposal. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Flush contaminated area with plenty of water. The requirements of the local water authority must be complied with if contaminated water is flushed directly to the sewer. Flush contaminated area with plenty of water. Take care as floors and other surfaces may become slippery.

### **6.4. Reference to other sections**

#### **Reference to other sections**

See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

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## **SECTION 7: Handling and storage**

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### **7.1. Precautions for safe handling**

#### **Usage precautions**

Avoid spilling. Avoid contact with skin and eyes. Good personal hygiene procedures should be implemented.

### **7.2. Conditions for safe storage, including any incompatibilities**

#### **Storage precautions**

Keep only in the original container. Store in a cool and well-ventilated place.

#### **Storage class**

Chemical storage.

### **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**

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### **8.1. Control parameters**

#### **Occupational exposure limits**

#### **Ingredient comments**

OES = Occupational Exposure Standard.

## LOW FOAM CARPET & UPHOLSTERY SHAMPOO

### TETRASODIUM ETHYLENE DIAMINE TETRAACETATE (CAS: 64-02-8)

DNEL  
 Consumer - Oral; Long term systemic effects: 25 mg/kg/day  
 Consumer - Inhalation; Short term local effects: 1.5 mg/m<sup>3</sup>  
 Consumer - Inhalation; Short term systemic effects: 1.5 mg/m<sup>3</sup>  
 Industry - Inhalation; Short term systemic effects: 2.5 mg/m<sup>3</sup>  
 Industry - ; Short term local effects: 2.5 mg/m<sup>3</sup>

PNEC  
 - Fresh water; 2.2 mg/l  
 - Intermittent release; 1.2 mg/l  
 - Marine water; 0.22 mg/l  
 - STP; 43 mg/l  
 - Soil; 0.72 mg/kg

### TRISODIUM NITRILOTRIACETATE (CAS: 5064-31-3)

DNEL  
 Industry - Inhalation; Short term systemic effects: 9.6 mg/m<sup>3</sup>  
 Consumer - Inhalation; Short term systemic effects: 2.4 mg/m<sup>3</sup>  
 Industry - Oral; Short term systemic effects: NA  
 Consumer - Oral; Short term systemic effects: 0.9 mg/kg/day  
 Industry - Inhalation; Long term systemic effects: 3.2 mg/m<sup>3</sup>  
 Consumer - Inhalation; Long term systemic effects: 0.8 mg/m<sup>3</sup>  
 Industry - Oral; Long term systemic effects: NA  
 Consumer - Oral; Long term systemic effects: 0.3 mg/kg/day

PNEC  
 - Fresh water; 0.93 mg/l  
 - Marine water; 0.093 mg/l  
 - Intermittent release; 0.8 mg/l  
 - STP; 270 mg/l

## 8.2. Exposure controls

### Protective equipment



### Appropriate engineering controls

Ensure adequate ventilation of the working area.

### Eye/face protection

Use appropriate eye protection if there is a risk of eye contact through splashing.

### Hand protection

It is recommended that gloves are made of the following material: Nitrile rubber. It is recommended that gloves are made of the following material: Polyvinyl chloride (PVC). Rubber (natural, latex). The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.

### Other skin and body protection

Provide eyewash station. Work clothes protecting arms, legs and body should be used, together with a PVC protective apron which should be long enough to cover rubber shoes/boots thus eliminating the possibility of splashes or spillages entering the footwear.

### Hygiene measures

Based on and limited to our experience of this product, the following special advice is believed to provide satisfactory protection for the industrial user or handler. The choice of suitable protective equipment depends on work conditions and what methods are used for handling the substance. This advice is not a substitute for each Company conducting their own Risk/COSHH Assessments, but is provided as general guidance. Do not smoke in the work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use barrier cream to prevent drying of skin. Eating, smoking and water fountains prohibited in immediate work area.

### Respiratory protection

In confined or poorly ventilated areas suitable respiratory protection should be used if exposed to high levels of spray or mist. Seek advice from supervisor on the company's respiratory protection standards.

## **SECTION 9: Physical and Chemical Properties**

### **9.1. Information on basic physical and chemical properties**

#### Appearance

Clear liquid.

#### Colour

Various colours.

## LOW FOAM CARPET & UPHOLSTERY SHAMPOO

### Odour

Pleasant, agreeable.

### pH

pH (concentrated solution): ~10

### Solubility(ies)

Soluble in water.

### 9.2. Other information

#### Other information

No relevant information available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

May react with: strong acids, strong alkalis and oxidising agents.

### 10.2. Chemical stability

#### Stability

Stable at normal ambient temperatures and when used as recommended. No particular stability concerns.

### 10.3. Possibility of hazardous reactions

Not applicable. Will not polymerise.

### 10.4. Conditions to avoid

There are no known conditions that are likely to result in a hazardous situation. Avoid excessive heat for prolonged periods of time.

### 10.5. Incompatible materials

#### Materials to avoid

Strong acids. Strong oxidising agents. Strong alkalis.

### 10.6. Hazardous decomposition products

Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

Based on available data the classification criteria are not met.

#### **ATE oral (mg/kg)**

6,186.20476338

#### Acute toxicity - dermal

Based on available data the classification criteria are not met.

#### **ATE dermal (mg/kg)**

16011.64483261

#### Acute toxicity - inhalation

Based on available data the classification criteria are not met.

#### **ATE inhalation (dusts/mists mg/l)**

21.83406114

### **General information**

This product has low toxicity. Only large quantities are likely to have adverse effects on human health.

#### **Inhalation**

No significant hazard at normal ambient temperatures. Heating may generate the following products: Irritating gases or vapours.

#### **Ingestion**

May cause discomfort if swallowed.

#### **Skin contact**

May cause defatting of the skin but is not an irritant.

#### **Eye contact**

May cause temporary eye irritation.

## LOW FOAM CARPET & UPHOLSTERY SHAMPOO

### Route of entry

Ingestion. Skin and/or eye contact

### Medical symptoms

No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.

### Medical considerations

Skin disorders and allergies.

### Toxicological information on ingredients.

#### TETRASODIUM ETHYLENE DIAMINE TETRAACETATE

### General information

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version: Harmful

### Skin contact

Irritating to skin.

### Eye contact

Risk of serious damage to eyes.

## SECTION 12: Ecological Information

### Ecotoxicity

No negative effects on the aquatic environment are known. The product components are not classified as environmentally hazardous.

However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. The product is not expected to be hazardous to waste water treatment processes.

### 12.1. Toxicity

No relevant information available.

### Acute toxicity - fish

Not determined.

### Acute toxicity - aquatic invertebrates

Not determined.

### Acute toxicity - aquatic plants

Not determined.

### Acute toxicity - microorganisms

Not determined.

### Acute toxicity - terrestrial

Not determined.

### Ecological information on ingredients.

#### TETRASODIUM ETHYLENE DIAMINE TETRAACETATE

EC 50 156 mg/l (Eisenia foetida foetida) (14d (OECD 207))  
>100 mg/l (daphnia magna) (EU Risk Assessment 2004)

EC 50 (24u) 532 mg/l (daphnia magna) (OECD 202)

LC 50 (96u) 532 mg/l (Lepomis macrochirus) (OECD 203)

### 12.2. Persistence and degradability

### Persistence and degradability

No supplementary information available. The surfactants 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.

### Ecological information on ingredients.

#### TETRASODIUM ETHYLENE DIAMINE TETRAACETATE

### Persistence and degradability

No further relevant information available.

### 12.3. Bioaccumulative potential

No further relevant information available.

## LOW FOAM CARPET & UPHOLSTERY SHAMPOO

### Ecological information on ingredients.

#### TETRASODIUM ETHYLENE DIAMINE TETRAACETATE

No further relevant information available.

### **12.4. Mobility in soil**

#### **Mobility**

No further relevant information available.

### Ecological information on ingredients.

#### TETRASODIUM ETHYLENE DIAMINE TETRAACETATE

#### **Mobility**

No further relevant information available.

#### **Adsorption/desorption coefficient**

COD-value: 260

BOD5-value: 50

### **12.5. Results of PBT and vPvB assessment**

No additional information available.

### Ecological information on ingredients.

#### TETRASODIUM ETHYLENE DIAMINE TETRAACETATE

Not applicable

### **12.6. Other adverse effects**

No supplementary information available.

### Ecological information on ingredients.

#### TETRASODIUM ETHYLENE DIAMINE TETRAACETATE

Water hazard class 2 (German Regulation): hazardous for water. Do not allow product to reach ground water, water course or sewage system. Must not reach sewage water or drainage ditch undiluted or unneutralized. Danger to drinking water if even small quantities lead into the ground.

## **SECTION 13: Disposal considerations**

### **13.1. Waste treatment methods**

#### **General information**

The packaging must be empty (drop-free when inverted).

#### **Disposal methods**

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Discharge of small quantities to the sewer with plenty of water may be permitted. The requirements of the local water authority must be complied with if contaminated water is flushed directly to the sewer. Larger quantities should be treated in a suitable plant or disposed of via a licensed waste disposal contractor. Packaging: Recover and reclaim or recycle. If practical.

## **SECTION 14: Transport information**

### **General**

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID). No transport warning sign required.

### **14.1. UN number**

Not applicable.

### **14.2. UN proper shipping name**

Not applicable.

### **14.3. Transport hazard class(es)**

Not applicable.

### **14.4. Packing group**

Not applicable.

### **14.5. Environmental hazards**

**Environmentally hazardous substance/marine pollutant**

No.

## LOW FOAM CARPET & UPHOLSTERY SHAMPOO

### 14.6. Special precautions for user

Not applicable.

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

Not applicable.

**Not applicable.**

## **SECTION 15: Regulatory information**

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

#### **National regulations**

Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.

#### **EU legislation**

Dangerous Preparations Directive 1999/45/EC. 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).

#### **Guidance**

Workplace Exposure Limits EH40. Approved Classification and Labelling Guide (Sixth edition) L131.

#### **Health and environmental listings**

Regulation (EC) 689/2008 of the European Parliament and of the Council of 17 June 2008 concerning the export and import of dangerous chemicals (as amended).

#### **Water hazard classification**

WGK 1

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## **SECTION 16: Other information**

#### **General information**

PLEASE NOTE: The risk phrases itemised below are those relating to concentrated forms of the raw materials used in this product and are not necessarily applicable to the finished item. Please see Section 2 for the current classification of this product.

**Revision date** 05/01/2015

**Revision** 1

**Risk phrases in full**  
NC Not classified.

**Hazard statements in full**  
H302 Harmful if swallowed.  
H312 Harmful in contact with skin.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.

#### Disclaimer

The information provided in this document is based on our present state of knowledge of the product and is given in good faith and to the best of our experience. However, it should not be construed as a technical specification or as guaranteeing specific properties, accuracy, reliability or completeness. In no event we will be responsible for damages or effects of any nature whatsoever, either express or implied, resulting from the use of this information. It is the own responsibility of the consignee and the user of the product to comply with all prevailing and applicable laws, regulations and directives. They should also make their own determination as to the suitability of the product for a particular use or application by carrying out a full risk assessment of their specific processes and systems of work. All information contained within this document is for the product in its undiluted state and relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated.