

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

### LIQUID WOOLSAFE

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

##### 1.1. Product identifier

Product name LIQUID WOOLSAFE  
Product number S781

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

Identified uses A safe and effective extraction cleaner for wool and stain resistant nylon carpets. WOOLSAFE Approved maintenance product for wool carpets and rugs. Controlled pH and optical brightener free. Can be used in conjunction with B107 Prespray Gold.

##### 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 Irrit. 2 - H319

###### Environmental hazards

Not Classified

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

###### Human health

Irritating to eyes. Prolonged or repeated exposure may cause the following adverse effects: skin irritation and dermatitis. Considered to be a low inhalation hazard at normal workplace temperatures. Ingestion may cause: Gastrointestinal symptoms, including upset stomach. Nausea, vomiting.

###### Environmental

The product is expected to be biodegradable.

**LIQUID WOOLSAFE****2.2. Label elements****Pictogram****Signal word**

Warning

**Hazard statements**

H319 Causes serious eye irritation.

**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.

P337+P313 If eye irritation persists: Get medical advice/attention.

**Detergent labelling**

5 - < 15% phosphates, < 5% anionic surfactants, < 5% EDTA and salts thereof, < 5% non-ionic surfactants, < 5% perfumes, Contains Citral, DMDM Hydantoin, d-Limonene, Linalool, Iodopropynyl butylcarbamate

**2.3. Other hazards**

See section 8 for details of exposure limits.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

(2-Methoxymethylethoxy)propanol CAS number: 34590-94-8 EC number: 252-104-2 Substance with a Community workplace exposure limit.	5-10%
<b>Classification</b> Not Classified	<b>Classification (67/548/EEC or 1999/45/EC)</b> -
Tetrapotassium pyrophosphate CAS number: 7320-34-5 EC number: 230-785-7	1-5%
<b>Classification</b> Eye Irrit. 2 - H319	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xi;R36.
Sodium xylenesulphonate CAS number: 1300-72-7 EC number: 215-090-9	1-5%
<b>Classification</b> Eye Irrit. 2 - H319	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xi;R36.
Alcohols C9-11, ethoxylated CAS number: 68439-45-2 EC number: —	<3%
<b>Classification</b> Acute Tox. 4 - H302 Eye Dam. 1 - H318	<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.

## LIQUID WOOLSAFE

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### **Inhalation**

Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention.

##### **Ingestion**

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.

##### **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.

#### 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**

Irritating to eyes.

#### 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. 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.

#### 5.3. Advice for firefighters

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

No specific recommendations.

### 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.

## LIQUID WOOLSAFE

### 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.

### 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): IOELV 50 ppm 308 mg/m<sup>3</sup>  
Sk

IOELV = Indicative occupational exposure limit value.

Sk = Can be absorbed through 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

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

Respiratory protection not required.

## SECTION 9: Physical and Chemical Properties

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

#### Appearance

Clear liquid.

#### Colour

Yellow. Amber.

## LIQUID WOOLSAFE

**Odour**

Lemon. Floral.

**pH**

pH (concentrated solution): 9.5 pH (diluted solution): 8.5 @ 1%

**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**

1.08

**Solubility(ies)**

Soluble in water.

**Partition coefficient**

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**

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. Strong acids.

**10.6. Hazardous decomposition products**

Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Acids - organic.

## LIQUID WOOLSAFE

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### **Toxicological effects**

Ingestion may cause: Gastrointestinal symptoms, including upset stomach. Nausea, vomiting. systemic effects Considered to be a low inhalation hazard at normal workplace temperatures. Deliberate excessive inhalation may cause headache, dizziness and breathing irritation. High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

##### **Acute toxicity - oral**

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

25,000.0

##### **Skin corrosion/irritation**

###### **Skin corrosion/irritation**

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

##### **Serious eye damage/irritation**

Irritating to eyes.

##### **Skin sensitisation**

Contains Citral Limonene Linalool

##### **Germ cell mutagenicity**

###### **Genotoxicity - in vivo**

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.

**LIQUID WOOLSAFE****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

**Tetrapotassium pyrophosphate****Acute toxicity - oral****Acute toxicity oral (LD50 mg/kg)**

2,000

**Species**

Mouse

**Acute toxicity - dermal****Acute toxicity dermal (LD50 mg/kg)**

4000

**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)**

2000

**Species**

Rabbit

**Alcohols C9-11, ethoxylated****Acute toxicity - oral****Acute toxicity oral (LD50 mg/kg)**

300

**Acute toxicity - dermal****Acute toxicity dermal (LD50 mg/kg)**

2000

**SECTION 12: Ecological Information****12.1. Toxicity**

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

## LIQUID WOOLSAFE

### Ecological information on ingredients.

#### (2-Methoxymethylethoxy)propanol

**Acute toxicity - fish**

LC<sub>50</sub>, 96 hours: >10000 mg/l, Fish

**Acute toxicity - aquatic invertebrates**

EC<sub>50</sub>, 48 hours: 1919 mg/l, Daphnia magna

**Acute toxicity - aquatic plants**

IC<sub>50</sub>, 72 hours: >969 mg/l, Algae

#### Sodium xylenesulphonate

**Acute toxicity - fish**

LC<sub>50</sub>, : 1000 mg/l,

**Acute toxicity - aquatic invertebrates**

EC<sub>50</sub>, : 1000 mg/l,

**Acute toxicity - aquatic plants**

IC<sub>50</sub>, : 230 mg/l,

#### Alcohols C9-11, ethoxylated

**Acute toxicity - fish**

LC<sub>50</sub>, : > 10 mg/l,

**Acute toxicity - aquatic invertebrates**

EC<sub>50</sub>, : > 1 mg/l,

**Acute toxicity - aquatic plants**

IC<sub>50</sub>, : > 10 mg/l,

### 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

Not known.

#### **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

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

### 12.6. Other adverse effects



## LIQUID WOOLSAFE

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

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 date 04/12/2014

Revision 2

Supersedes date 19/07/2012

Signature Aaron Saunders

## LIQUID WOOLSAFE

### Risk phrases in full

R22 Harmful if swallowed.

R36 Irritating to eyes.

R41 Risk of serious damage to eyes.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### Hazard statements in full

H302 Harmful if swallowed.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

### 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.