



## SAFETY DATA SHEET

### TRAFFICLEAN

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

##### 1.1. Product identifier

Product name                    TRAFFICLEAN  
Product number                S710

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

Identified uses                A concentrated formula for pre-spraying and spot cleaning of heavily soiled areas of carpet before extraction cleaning. Trafficlean contains a powerful blend of surfactants and water based solvents for effective soil and grease removal. Trafficlean can also be used as a booster to extraction machine solutions.

##### 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

Skin Corr. 1A - H314 Eye Dam. 1 - H318

###### Environmental hazards

Not Classified

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

###### Human health

Causes severe skin burns and eye damage. Possible respiratory irritation by wetting agents in atomised spray form. Dizziness. Ingestion may cause: nausea irritation systemic effects May cause chemical burns in mouth and throat.

###### Environmental

The product is expected to be biodegradable.

**TRAFFICLEAN****2.2. Label elements****Pictogram****Signal word**

Danger

**Hazard statements**

H314 Causes severe skin burns and eye damage.

**Precautionary statements**

P102 Keep out of reach of children.

P260 Do not breathe spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

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**

Alcohols, C9-11, ethoxylated, Disodium metasilicate

**Detergent labelling**

&lt; 5% anionic surfactants, &lt; 5% cationic surfactants, &lt; 5% EDTA and salts thereof, &lt; 5% non-ionic surfactants, &lt; 5% perfumes, &lt; 5% phosphates, 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**

<b>(2-Methoxymethylethoxy)propanol</b> CAS number: 34590-94-8 EC number: 252-104-2 Substance with a Community workplace exposure limit.	<b>5-10%</b>
<b>Classification</b> Not Classified	<b>Classification (67/548/EEC or 1999/45/EC)</b> -
<b>Tetrapotassium pyrophosphate</b> CAS number: 7320-34-5 EC number: 230-785-7	<b>1-5%</b>
<b>Classification</b> Eye Irrit. 2 - H319	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xi;R36.
<b>Alcohols, C9-11, ethoxylated</b> CAS number: 68439-45-2 EC number: —	<b>1-5%</b>
<b>Classification</b> Eye Dam. 1 - H318 Acute Tox. 4 - H302	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xn;R22. Xi;R41.

**TRAFFICLEAN****Quaternary alkyl methyl amine ethoxylate methyl chloride**

&lt;1%

**CAS number:** 70750-47-9 **EC number:** —**M factor (Acute) = 1****Classification**

Acute Tox. 4 - H302

Skin Irrit. 2 - H315

Eye Dam. 1 - H318

Aquatic Acute 1 - H400

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

Xn;R22. Xi;R38,R41. N;R50.

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 and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.

**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**

Causes severe skin burns and eye damage.

**Eye contact**

May cause permanent damage if eye is not immediately irrigated.

**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.

**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**

## TRAFFICLEAN

### 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 after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using the 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/m3

Sk

IOELV = Indicative occupational exposure limit value.

Sk = Can be absorbed through skin.

#### Ingredient comments

No exposure limits known for ingredient(s).

### 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

## TRAFFICLEAN

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 after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using the product.

### Respiratory protection

Not required in normal use. 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.

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## SECTION 9: Physical and Chemical Properties

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

#### Appearance

Clear liquid.

#### Colour

Turquoise Green.

#### Odour

Green. Mint

#### pH

pH (concentrated solution): 12.5 pH (diluted solution): 11

#### 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

1.046

#### 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.

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## SECTION 10: Stability and reactivity

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### 10.1. Reactivity

## TRAFFICLEAN

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 acids. Strong oxidising agents.

### **10.6. Hazardous decomposition products**

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

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## **SECTION 11: Toxicological information**

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### **11.1. Information on toxicological effects**

#### **Toxicological effects**

Possible respiratory irritation by wetting agents in atomised spray form. Excessive inhalation of spray, mist or vapour may cause temporary respiratory irritation. Dizziness. Ingestion may cause: nausea irritation May cause chemical burns in mouth and throat.

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

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

40,000.0

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

**Skin corrosion/irritation** Causes severe burns.

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

Contact with concentrate or solution May cause severe eye irritation. Risk of serious damage to eyes. May cause possible injury if not promptly rinsed.

#### **Skin sensitisation**

None known.

#### **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.

**TRAFFICLEAN****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

**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.

## TRAFFICLEAN

### 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

#### 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

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.

**TRAFFICLEAN****SECTION 14: Transport information****14.1. UN number**

UN No. (ADR/RID) 3266

UN No. (IMDG) 3266

**14.2. UN proper shipping name**

Corrosive liquid, basic, inorganic, N.O.S. (contains disodium trioxosilicate)

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

ADR/RID class 8

IMDG class 8

**14.4. Packing group**

ADR/RID packing group III

IMDG packing group III

**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 25/02/2015

Revision 2

Supersedes date 05/11/2012

Signature Aaron Saunders

Risk phrases in full

## TRAFFICLEAN

NC Not classified.  
R22 Harmful if swallowed.  
R36 Irritating to eyes.  
R41 Risk of serious damage to eyes.

### Hazard statements in full

H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H400 Very toxic to aquatic life.

### 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.