



## SAFETY DATA SHEET

### NATURAL MULTI-SURFACE CLEANER

#### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

##### 1.1. Product identifier

**Product name** NATURAL MULTI-SURFACE CLEANER

**Product No.** E457

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

**Identified uses** Powerful multi-surface cleaner for all types of hard surface and floor cleaning.  
Heavy-duty safe-to-use formula removes the toughest oily and greasy soils.  
Mild pH is safe for most surfaces with no harsh acids or alkalis.

##### 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  
www.prochem.co.uk  
sales@prochem.co.uk

##### 1.4. Emergency telephone number

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 (1999/45/EEC)** Not classified.

##### **Human health**

Contact with concentrate may cause moderate eye irritation. Prolonged or repeated exposure may cause: skin irritation and dermatitis.  
Limited inhalation hazard at normal work temperatures. Spray mists may cause respiratory tract irritation. Ingestion may cause: nausea  
irritation Systemic Effects

##### **Environment**

The product is expected to be biodegradable.

##### 2.2. Label elements

##### **Risk Phrases**

NC

Not classified.

##### **Safety Phrases**

S2

Keep out of the reach of children.

S24/25

Avoid contact with skin and eyes.

S26

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37

Wear suitable gloves.

##### 2.3. Other hazards

See section 8 for details of exposure limits.

#### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

##### 3.2. Mixtures

## NATURAL MULTI-SURFACE CLEANER

|                                                                            |                                                   |      |
|----------------------------------------------------------------------------|---------------------------------------------------|------|
| ALCOHOLS, C7-21 ETHOXYLATED                                                |                                                   | 1-5% |
| CAS-No.: 68991-48-0                                                        | EC No.:                                           |      |
| Classification (EC 1272/2008)<br>Skin Irrit. 2 - H315<br>Eye Dam. 1 - H318 | Classification (67/548/EEC)<br>Xi;R38,R41.        |      |
| (2-METHOXYMETHYLETHOXY)PROPANOL                                            |                                                   | 1-5% |
| CAS-No.: 34590-94-8                                                        | EC No.: 252-104-2                                 |      |
| Classification (EC 1272/2008)<br>Not classified.                           | Classification (67/548/EEC)<br>Not classified.    |      |
| C9-11 ALCOHOL ETHOXYLATE                                                   |                                                   | 1-5% |
| CAS-No.: 68439-46-3                                                        | EC No.:                                           |      |
| Classification (EC 1272/2008)<br>Acute Tox. 4 - H302<br>Eye Dam. 1 - H318  | Classification (67/548/EEC)<br>Xn;R22.<br>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**

Move into fresh air and keep at rest. Get medical attention if any discomfort continues.

##### **Ingestion**

Do not induce vomiting. Immediately rinse mouth and drink plenty of water (200-300 ml). Do not give victim anything to drink if they are unconscious. Get medical attention.

##### **Skin contact**

Wash skin with soap and water. Get medical attention if irritation persists after washing.

##### **Eye contact**

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. 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: skin irritation and dermatitis.

##### **Eye contact**

May cause temporary eye irritation.

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

Treat Symptomatically.

### SECTION 5: FIREFIGHTING MEASURES

#### 5.1. Extinguishing media

##### **Extinguishing media**

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials. Water spray, dry powder or carbon dioxide.

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

##### **Hazardous combustion products**

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Acids - organic. Nitrogen oxide. Hydrogen chloride (HCl).

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## Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

### 5.3. Advice for firefighters

## Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

Do not discharge into drains, water courses or onto the ground.

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

Collect with absorbent, non-combustible material into suitable containers. Dispose of waste and residues in accordance with local authority requirements.

### 6.4. 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

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

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)

The identified uses for this product are detailed in Section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

| Name                            | STD | TWA - 8 Hrs |           | STEL - 15 Min |  | Notes |
|---------------------------------|-----|-------------|-----------|---------------|--|-------|
| (2-METHOXYMETHYLETHOXY)PROPANOL | WEL | 50 ppm      | 308 mg/m3 |               |  | Sk    |

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through skin.

### 8.2. Exposure controls

#### Protective equipment



#### Engineering measures

Provide adequate ventilation.

#### Respiratory equipment

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.

#### Hand protection

Nitrile gloves are recommended. Protective gloves should be inspected for wear before use and replaced regularly in accordance with the manufacturers specifications.

#### Eye protection

Side shield safety glasses are recommended when handling concentrate or during spray application.

#### Hygiene measures

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

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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## 9.1. Information on basic physical and chemical properties

|                                                |                                |
|------------------------------------------------|--------------------------------|
| <b>Appearance</b>                              | Clear liquid.                  |
| <b>Colour</b>                                  | Colourless.                    |
| <b>Odour</b>                                   | Natural lemongrass and herbal. |
| <b>Solubility</b>                              | Soluble in water.              |
| <b>Initial boiling point and boiling range</b> | 100°C                          |
| <b>Relative density</b>                        | 1.02                           |
| <b>Vapour density (air=1)</b>                  |                                |
| Not determined.                                |                                |
| <b>Vapour pressure</b>                         |                                |
| Not determined.                                |                                |
| <b>Evaporation rate</b>                        |                                |
| Not determined.                                |                                |
| <b>pH-Value, Conc. Solution</b>                | 8                              |
| <b>pH-Value, Diluted Solution</b>              | 7.5                            |
| <b>Viscosity</b>                               |                                |
| Not determined.                                |                                |
| <b>Flash point</b>                             |                                |
| Not applicable.                                |                                |
| <b>Flammability Limit - Lower(%)</b>           |                                |
| Not applicable.                                |                                |
| <b>Partition Coefficient (N-Octanol/Water)</b> |                                |
| Not determined.                                |                                |
| <b>Explosive properties</b>                    |                                |
| Not applicable.                                |                                |
| <b>Oxidising properties</b>                    |                                |
| Not applicable.                                |                                |

## 9.2. 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

Stable under normal temperature conditions and recommended use.

### 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

None known.

### 10.6. Hazardous decomposition products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Acids - organic.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### Acute toxicity:

Ingestion may cause: irritation nausea Diarrhoea. Gastrointestinal symptoms, including upset stomach. Excessive inhalation of spray, mist or vapour may cause temporary respiratory irritation. Excessive exposure may cause respiratory irritation and/or temporary central nervous system effects including dizziness, weakness, fatigue, nausea and headache.

#### Skin Corrosion/Irritation:

Prolonged or repeated exposure may cause: skin irritation and dermatitis.

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## Serious eye damage/irritation:

May cause temporary eye irritation.

## Respiratory or skin sensitisation:

Contains Limonene

## Germ cell mutagenicity:

No effects expected based upon current data.

## Carcinogenicity:

No effects expected based upon current data.

## Reproductive Toxicity:

No effects expected based upon current data.

### Toxicological information on ingredients.

#### (2-METHOXYMETHYLETHOXY)PROPANOL (CAS: 34590-94-8)

##### Acute toxicity:

###### **Acute Toxicity (Oral LD50)**

5135 mg/kg Rat

###### **Acute Toxicity (Dermal LD50)**

> 20 mg/kg Rabbit

#### C9-11 ALCOHOL ETHOXYLATE (CAS: 68439-46-3)

##### Acute toxicity:

###### **Acute Toxicity (Oral LD50)**

> 300 mg/kg

###### **Acute Toxicity (Dermal LD50)**

> 2000 mg/kg

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

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

#### Ecological information on ingredients.

#### (2-METHOXYMETHYLETHOXY)PROPANOL (CAS: 34590-94-8)

##### **LC 50, 96 Hrs, Fish mg/l**

>10000

##### **EC 50, 48 Hrs, Daphnia, mg/l**

1919

##### **IC 50, 72 Hrs, Algae, mg/l**

>969

#### C9-11 ALCOHOL ETHOXYLATE (CAS: 68439-46-3)

##### **LC 50, 96 Hrs, Fish mg/l**

1-10

##### **EC 50, 48 Hrs, Daphnia, mg/l**

1-10

##### **IC 50, 72 Hrs, Algae, mg/l**

1-10

##### **Acute Toxicity - Microorganisms**

EC50 > 100 mg/l

### 12.2. Persistence and degradability

#### **Degradability**

The surfactant(s) contained in this preparation 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.

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## Ecological information on ingredients.

(2-METHOXYMETHYLETHOXY)PROPANOL (CAS: 34590-94-8)

Chemical Oxygen Demand

2.02

### **12.3. Bioaccumulative potential**

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 PBT or vPvB substances.

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

None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

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

Dispose of waste and residues in accordance with local authority requirements. 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/ADN 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**

#### **Uk Regulatory References**

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments. Chemicals (Hazard Information & Packaging) Regulations.

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## 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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

## 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** 30/11/2012

**Revision** 1

**Signature** Aaron Saunders

### Risk Phrases In Full

|     |                                 |
|-----|---------------------------------|
| R22 | Harmful if swallowed.           |
| R38 | Irritating to skin.             |
| NC  | Not classified.                 |
| R41 | Risk of serious damage to eyes. |

### Hazard Statements In Full

|      |                            |
|------|----------------------------|
| H318 | Causes serious eye damage. |
| H315 | Causes skin irritation.    |
| H302 | Harmful if swallowed.      |

### 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.