



## SAFETY DATA SHEET ODOUR NEUTRALISER

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

#### 1.1. Product identifier

**Product name** ODOUR NEUTRALISER

**Product No.** A222

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

**Identified uses** A concentrated water soluble odour neutraliser and air conditioner effective against a broad range of odour problems including smoke and fire residue. Odour Neutraliser can be added to carpet, fabric and hard surface cleaning solutions or diluted with water and applied by sprayer or fogging unit.

#### 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

+44 20 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)** Xi;R41. R52/53.

##### **Human health**

May cause severe irritation to eyes. May cause permanent damage if eye is not immediately irrigated. Prolonged skin contact may cause redness and irritation. Excessive inhalation of spray, mist or vapour may cause temporary respiratory irritation. Ingestion may cause: Nausea, vomiting.

##### **Environment**

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. The product is expected to be biodegradable.

#### 2.2. Label elements

##### **Labelling**



Irritant

##### **Risk Phrases**

R41	Risk of serious damage to eyes.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

##### **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.
S37/39	Wear suitable gloves and eye/face protection.
S42	During fogging/spraying wear suitable respiratory equipment.

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P14

Contains  
CINNAMAL,CITRAL,CITRONELLAL,d-LIMONENE,GERANIOL,METHYL  
ESTERS OF ROSIN (PARTIALLY HYDROGENATED),TURPENTINE, OIL.  
May produce an allergic reaction.

## 2.3. Other hazards

See section 8 for details of exposure limits.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

<b>ALCOHOLS C9-11, ETHOXYLATED</b>	<b>15-30%</b>
<b>CAS-No.: 68439-45-2</b>	<b>EC No.:</b>
Classification (EC 1272/2008) Acute Tox. 4 - H302 Eye Dam. 1 - H318	Classification (67/548/EEC) Xn;R22. Xi;R41.
<b>SODIUM XYLENESULPHONATE</b>	<b>1-5%</b>
<b>CAS-No.: 1300-72-7</b>	<b>EC No.: 215-090-9</b>
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335	Classification (67/548/EEC) Xi;R36/37/38.
<b>TURPENTINE, OIL</b>	<b>0.1-1%</b>
<b>CAS-No.: 8006-64-2</b>	<b>EC No.: 232-350-7</b>
Classification (EC 1272/2008) Flam. Liq. 3 - H226 Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	Classification (67/548/EEC) R10 Xn;R20/21/22,R65 R43 Xi;R36/38 N;R51/53
<b>d-LIMONENE</b>	<b>0.1-1%</b>
<b>CAS-No.: 5989-27-5</b>	<b>EC No.: 227-813-5</b>
Classification (EC 1272/2008) Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	Classification (67/548/EEC) R10 R43 Xi;R38 N;R50/53

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<b>P-MENTHA-1,4(8)-DIENE</b> <span style="float: right;">0.1-1%</span>	
<b>CAS-No.: 586-62-9</b>	<b>EC No.: 209-578-0</b>
Classification (EC 1272/2008) Flam. Liq. 3 - H226 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	Classification (67/548/EEC) Xn;R65. N;R51/53. R10.
<b>CEDARWOOD OIL VIRGINIAN</b> <span style="float: right;">0.1-1%</span>	
<b>CAS-No.: 8000-27-9</b>	<b>EC No.: 285-370-3</b>
Classification (EC 1272/2008) Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	Classification (67/548/EEC) Xn;R65. N;R50/53.
<b>CITRONELLAL</b> <span style="float: right;">0.1-1%</span>	
<b>CAS-No.: 106-23-0</b>	<b>EC No.: 203-376-6</b>
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Aquatic Chronic 2 - H411	Classification (67/548/EEC) Xi;R38. N;R51/53. R43.

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**

In case of inhalation of spray mist: Move person into fresh air and keep at rest. Get medical attention if any discomfort continues.

#### **Ingestion**

Rinse mouth thoroughly. Drink a few glasses of water or milk. Never give liquid to an unconscious person. Get medical attention immediately! DO NOT INDUCE VOMITING!

#### **Skin contact**

Flush skin thoroughly with 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 eyelids widely. If irritation persists: Seek medical attention and bring along these instructions.

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

#### **Inhalation.**

Spray mists irritate the respiratory system, and cause coughing and difficulties in breathing.

#### **Eye contact**

Risk of serious damage to eyes.

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

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

## 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

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## Hazardous combustion products

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

## 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

Avoid discharge into water courses or onto the ground. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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

Absorb spillage with non-combustible, absorbent material. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

### 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. Provide adequate ventilation. Observe occupational exposure limits and minimize the risk of inhalation of spray. 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
TURPENTINE, OIL	WEL	100 ppm	566 mg/m3	150 ppm	850 mg/m3	

WEL = Workplace Exposure Limit.

### 8.2. Exposure controls

#### Protective equipment



#### Engineering measures

Provide adequate ventilation.

#### Respiratory equipment

During fogging/spraying wear suitable respiratory equipment.

#### 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>	Turquoise Green.
<b>Odour</b>	Floral
<b>Solubility</b>	Soluble in water.
<b>Initial boiling point and boiling range</b>	100°C
<b>Melting point (°C)</b>	Not determined.
<b>Relative density</b>	1.03
<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>	7.5
<b>pH-Value, Diluted Solution</b>	7.5
<b>Viscosity</b>	Not determined.
<b>Odour Threshold, Lower</b>	Not determined.
<b>Odour Threshold, Upper</b>	Not determined.
<b>Flash point</b>	Not applicable.
<b>Auto Ignition Temperature (°C)</b>	Not determined.
<b>Flammability Limit - Lower(%)</b>	Not determined.
<b>Flammability Limit - Upper(%)</b>	Not determined.
<b>Partition Coefficient (N-Octanol/Water)</b>	Not determined.
<b>Explosive properties</b>	Not determined.
<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.

### 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 substances.

### 10.6. Hazardous decomposition products

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

## SECTION 11: TOXICOLOGICAL INFORMATION

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## 11.1. Information on toxicological effects

### **Toxicological information**

Inhalation. Spray mists may cause respiratory tract irritation. Ingestion. Possible mild irritation of digestive tract from detergent component.

### **Skin Corrosion/Irritation:**

Prolonged skin contact may cause redness and irritation.

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

Vapour, spray or dust may cause chronic eye irritation or eye damage. May cause blurred vision and serious eye damage.

### **Respiratory or skin sensitisation:**

Contains Limonene Citral Methyl esters of rosin (partially hydrogenated) Cinnamal Linalool Turpentine oil rectified Citronellal Geraniol

### **Germ cell mutagenicity:**

Does not contain any substances known to be mutagenic.

### **Carcinogenicity:**

Does not contain any substances known to be carcinogenic.

### **Reproductive Toxicity:**

Does not contain any substances known to be toxic to reproduction.

### **Toxicological information on ingredients.**

#### **SODIUM XYLENESULPHONATE (CAS: 1300-72-7)**

#### **Acute toxicity:**

**Acute Toxicity (Oral LD50)**

> 2000 mg/kg Rat

#### **ALCOHOLS C9-11, ETHOXYLATED (CAS: 68439-45-2)**

#### **Acute toxicity:**

**Acute Toxicity (Oral LD50)**

> 300 mg/kg

**Acute Toxicity (Dermal LD50)**

> 2000 mg/kg

## **SECTION 12: ECOLOGICAL INFORMATION**

### **12.1. Toxicity**

#### **Ecological information on ingredients.**

#### **ALCOHOLS C9-11, ETHOXYLATED (CAS: 68439-45-2)**

**Acute Toxicity - Fish**

LC50 > 10 mg/l

**Acute Toxicity - Aquatic Invertebrates**

EC50 > 1 mg/l

**Acute Toxicity - Aquatic Plants**

IC50 > 10 mg/l

### **12.2. Persistence and 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.

### **12.3. Bioaccumulative potential**

#### **Bioaccumulative potential**

No data available on bioaccumulation.

#### **Partition coefficient**

Not determined.

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## **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)**

None.

**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.

#### **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.

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## SECTION 16: OTHER INFORMATION

### General information

Telephone 020 8974 1515

**Revision Date** 21/03/2012

**Revision** 1

**Signature** Aaron Saunders

### Risk Phrases In Full

R10 Flammable.  
R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.  
R22 Harmful if swallowed.  
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R65 Harmful: may cause lung damage if swallowed.  
R36/38 Irritating to eyes and skin.  
R36/37/38 Irritating to eyes, respiratory system and skin.  
R38 Irritating to skin.  
R43 May cause sensitisation by skin contact.  
R41 Risk of serious damage to eyes.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### Hazard Statements In Full

H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H315 Causes skin irritation.  
H226 Flammable liquid and vapour.  
H332 Harmful if inhaled.  
H302 Harmful if swallowed.  
H312 Harmful in contact with skin.  
H412 Harmful to aquatic life with long lasting effects.  
H304 May be fatal if swallowed and enters airways.  
H317 May cause an allergic skin reaction.  
H335 May cause respiratory irritation.  
H411 Toxic to aquatic life with long lasting effects.  
H410 Very toxic to aquatic life with long lasting effects.  
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.