



## SAFETY DATA SHEET SMOKE & ODOUR NEUTRALISER

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

#### 1.1. Product identifier

**Product name** SMOKE & ODOUR NEUTRALISER

**Product number** 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. Smoke & 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** 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 Dam. 1 - H318

**Environmental hazards** Aquatic Chronic 3 - H412

**Human health** May cause severe eye irritation. 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.

**Environmental** Harmful to aquatic life with long lasting effects. The product is expected to be biodegradable.

#### 2.2. Label elements

## SMOKE & ODOUR NEUTRALISER

### Pictogram



### Signal word

Danger

### Hazard statements

H318 Causes serious eye damage.  
 H412 Harmful to aquatic life with long lasting effects.  
 EUH208 Contains d-Limonene, Cineole, Citral, Cinnamal, P-Mentha-1,4(8)-diene, Turpentine, oil, Citronellal. May produce an allergic reaction.

### Precautionary statements

P102 Keep out of reach of children.  
 P273 Avoid release to the environment.  
 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.  
 P310 Immediately call a POISON CENTER/doctor.  
 P501 Dispose of contents / container in accordance with local / regional / national / international regulations.

### Contains

Alcohols C9-11, ethoxylated

### Detergent labelling

15 - < 30% non-ionic surfactants, 5 - < 15% perfumes, < 5% anionic surfactants, Contains d-Limonene, Citral, Cinnamal, Linalool, Geraniol, coumarin, Citronellol

### 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>10-30%</b>
CAS number: 68439-45-2	
<b>Classification</b>	
Acute Tox. 4 - H302	
Eye Dam. 1 - H318	
<b>Sodium xylenesulphonate</b>	<b>1-5%</b>
CAS number: 1300-72-7                      EC number: 215-090-9	
<b>Classification</b>	
Eye Irrit. 2 - H319	

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**d-Limonene** **<1%**

CAS number: 5989-27-5

EC number: 227-813-5

M factor (Acute) = 1

M factor (Chronic) = 1

**Classification**

Flam. Liq. 3 - H226

Skin Irrit. 2 - H315

Skin Sens. 1 - H317

Asp. Tox. 1 - H304

Aquatic Acute 1 - H400

Aquatic Chronic 1 - H410

**Cineole** **<1%**

CAS number: 470-82-6

EC number: 207-431-5

**Classification**

Flam. Liq. 3 - H226

Skin Sens. 1B - H317

**Citral** **<1%**

CAS number: 5392-40-5

EC number: 226-394-6

**Classification**

Skin Irrit. 2 - H315

Eye Irrit. 2 - H319

Skin Sens. 1B - H317

**Cinnamal** **<1%**

CAS number: 104-55-2

EC number: 203-213-9

**Classification**

Acute Tox. 4 - H312

Skin Irrit. 2 - H315

Eye Irrit. 2 - H319

Skin Sens. 1 - H317

**P-Mentha-1,4(8)-diene** **<1%**

CAS number: 586-62-9

EC number: 209-578-0

M factor (Chronic) = 1

**Classification**

Flam. Liq. 3 - H226

Skin Sens. 1B - H317

Asp. Tox. 1 - H304

Aquatic Chronic 1 - H410

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<b>Turpentine, oil</b>	<b>&lt;1%</b>
CAS number: 8006-64-2	EC number: 232-350-7

### Classification

Flam. Liq. 3 - H226  
 Skin Sens. 1 - H317  
 Asp. Tox. 1 - H304  
 Eye Irrit. 2 - H319  
 Acute Tox. 4 - H332  
 Skin Irrit. 2 - H315  
 Acute Tox. 4 - H312  
 Acute Tox. 4 - H302  
 Aquatic Chronic 2 - H411

<b>Citronellal</b>	<b>&lt;1%</b>
CAS number: 106-23-0	EC number: 203-376-6

### Classification

Skin Irrit. 2 - H315  
 Eye Irrit. 2 - H319  
 Skin Sens. 1 - H317

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

<b>Inhalation</b>	In case of inhalation of spray mist: Move person into fresh air and keep at rest. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Drink a few glasses of water or milk. Never give anything by mouth to an unconscious person. Get medical attention immediately. Do not induce vomiting.
<b>Skin contact</b>	Rinse immediately with plenty of water. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	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. Show this Safety Data Sheet to the medical personnel.

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

<b>Inhalation</b>	Spray mists irritate the respiratory system, and cause coughing and difficulties in breathing.
<b>Eye contact</b>	Risk of serious damage to eyes.

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

<b>Notes for the doctor</b>	Eyes Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Water spray, dry powder or carbon dioxide.
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## SMOKE & ODOUR NEUTRALISER

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

**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

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

### 6.2. Environmental precautions

**Environmental precautions** Avoid discharge into drains or watercourses or onto the ground. Harmful to aquatic life with long lasting effects.

### 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. For waste disposal, see Section 13.

### 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. Provide adequate ventilation. Avoid inhalation of vapours and spray/mists. Observe any occupational exposure limits for the product or ingredients. 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

##### **Turpentine, oil**

Long-term exposure limit (8-hour TWA): WEL 100 ppm 566 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 150 ppm 850 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

### 8.2. Exposure controls

#### **Protective equipment**



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<b>Appropriate engineering controls</b>	Provide adequate ventilation.
<b>Eye/face protection</b>	Safety goggles are recommended when handling concentrate or during spraying application.
<b>Hand protection</b>	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.
<b>Hygiene measures</b>	Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.
<b>Respiratory protection</b>	During fogging/spraying wear suitable respiratory equipment.

### SECTION 9: Physical and Chemical Properties

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

<b>Appearance</b>	Clear liquid.
<b>Colour</b>	Turquoise. Green.
<b>Odour</b>	Floral.
<b>Odour threshold</b>	Not determined.
<b>pH</b>	pH (concentrated solution): 7.5 pH (diluted solution): 7.5
<b>Melting point</b>	Not determined.
<b>Initial boiling point and range</b>	100°C
<b>Flash point</b>	Not applicable.
<b>Evaporation rate</b>	Not determined.
<b>Upper/lower flammability or explosive limits</b>	Not determined.
<b>Vapour pressure</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Relative density</b>	1.03
<b>Solubility(ies)</b>	Soluble in water.
<b>Partition coefficient</b>	Not determined.
<b>Auto-ignition temperature</b>	Not determined.
<b>Viscosity</b>	Not determined.
<b>Explosive properties</b>	Not determined.
<b>Oxidising properties</b>	Not applicable.

#### 9.2. Other information

<b>Other information</b>	None.
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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
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#### 10.2. Chemical stability

## SMOKE & ODOUR NEUTRALISER

**Stability** Stable at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Not determined.

### 10.4. Conditions to avoid

**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.

### 10.6. Hazardous decomposition products

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

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

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

#### Acute toxicity - oral

**ATE oral (mg/kg)** 3,086.42

#### Skin corrosion/irritation

**Skin corrosion/irritation** Prolonged skin contact may cause redness and irritation.

#### Serious eye damage/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.

#### Skin sensitisation

**Skin sensitisation** Contains Limonene Cineole Citral Cinnamal P-mentha-1,4(8)-diene Linalool Turpentine oil Citronellal Geraniol Coumarin Citronellol

#### Germ cell mutagenicity

**Genotoxicity - in vitro** No effects expected based upon current data.

#### Carcinogenicity

**Carcinogenicity** No effects expected based upon current data.

#### Reproductive toxicity

**Reproductive toxicity - fertility** No effects expected based upon current data.

### Toxicological information on ingredients.

#### Sodium xylenesulphonate

##### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 7,200.0

**Species** Rat

##### Acute toxicity - dermal

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**Acute toxicity dermal (LD<sub>50</sub>)** 2,000.0  
mg/kg)

**Species** Rabbit

### SECTION 12: Ecological Information

#### 12.1. Toxicity

**Toxicity** Harmful to aquatic life with long lasting effects.

#### Ecological information on ingredients.

##### Sodium xylenesulphonate

**Acute toxicity - fish** LC50, : 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,

#### 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.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

**Partition coefficient** Not determined.

#### 12.4. Mobility in soil

**Mobility** The product is soluble in water.

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

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

#### 12.6. Other adverse effects

**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.

### SECTION 14: Transport information

#### 14.1. UN number

Not classified for transportation.

#### 14.2. UN proper shipping name

None.



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### 14.3. Transport hazard class(es)

None.

**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

**Transport in bulk according to** Not applicable.

**Annex II of MARPOL 73/78**

**and the IBC Code**

## 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).

**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** 03/12/2015

**Revision** 3

**Supersedes date** 02/10/2014

**Signature** Aaron Saunders

## SMOKE & ODOUR NEUTRALISER

### Hazard statements in full

H226 Flammable liquid and vapour.  
H302 Harmful if swallowed.  
H304 May be fatal if swallowed and enters airways.  
H312 Harmful in contact with skin.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.  
H411 Toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.  
EUH208 Contains d-Limonene, Cineole, Citral, Cinnamal, P-Mentha-1,4(8)-diene, Turpentine, oil, Citronellal. May produce an allergic reaction.

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.