



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

Alcohols C9-11, ethoxylated	10-30%
CAS number: 68439-45-2	
Classification	
Acute Tox. 4 - H302	
Eye Dam. 1 - H318	
Sodium xylenesulphonate	1-5%
CAS number: 1300-72-7 EC number: 215-090-9	
Classification	
Eye Irrit. 2 - H319	

SMOKE & ODOUR NEUTRALISER

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

SMOKE & ODOUR NEUTRALISER

Turpentine, oil	<1%
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

Citronellal	<1%
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

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 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.
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. Show this Safety Data Sheet to the medical personnel.

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

Notes for the doctor	Eyes Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes.
-----------------------------	--

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.
-------------------------------------	--

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/m³

Short-term exposure limit (15-minute): WEL 150 ppm 850 mg/m³

WEL = Workplace Exposure Limit

8.2. Exposure controls

Protective equipment



SMOKE & ODOUR NEUTRALISER

Appropriate engineering controls	Provide adequate ventilation.
Eye/face protection	Safety goggles are recommended when handling concentrate or during spraying application.
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	During fogging/spraying wear suitable respiratory equipment.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

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

9.2. Other information

Other information	None.
--------------------------	-------

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
-------------------	---

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 (LD₅₀ mg/kg) 7,200.0

Species Rat

Acute toxicity - dermal

SMOKE & ODOUR NEUTRALISER

Acute toxicity dermal (LD₅₀) 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 EC₅₀, : 1000 mg/l,

Acute toxicity - aquatic plants IC₅₀, : 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.

SMOKE & ODOUR NEUTRALISER

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.