



Product Specification &

SAFETY DATA SHEET

CHIP / EC FORMAT 1907/2006 AMD 93/112/EC AMD 2001/58/EC



A222

ODOUR NEUTRALISER

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name: ODOUR NEUTRALISER **Product Code:** A222
Manufacturer: Prochem Europe Ltd., Oakcroft Road, Chessington, Surrey KT9 1RH, UK. Telephone No (office hours only): 020 8974 1515 (UK) +44 20 8974 1515 (EC) Chemical Product Manager E, H & S
Website: www.prochem.co.uk **Email:** sales@prochem.co.uk
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.

Product Description & Directions For Use:

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.
Always pre-test surface to be cleaned with diluted solutions before proceeding.
Carpets and fabrics: Add 10 to 20ml A222 per litre of ready-to-use cleaning solution. **General cleaning applications:** Mix 20 to 50ml A222 per litre of warm water for cleaning and washing down walls and hard surfaces. **Smoke odour removal fogging application:** Mix 100ml A222 per litre of warm water and apply for 15 minutes per 10m² of floor area by fogger to sealed room. Leave area sealed for 24 hours then fresh air ventilate with exhaust fans. Always cover, protect or remove water sensitive furnishings and other items when spraying or fogging.

SECTION 2: HAZARDS IDENTIFICATION

Classification: Risk of serious damage to eyes. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Eye Contact: Contact with concentrate may cause significant irritation and possible damage if not promptly rinsed.

Skin Contact: Prolonged contact with concentrate may produce mild irritation.

Inhalation: None expected. Exposure to fine spray mists may cause temporary irritation of the nose and throat.

Ingestion: Ingestion of concentrate may produce mild nausea.

Environment: This product in its concentrate form is classified as: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Raw materials are biodegradable. See Ecological Information for further details.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE	RISK (See Section 16)	EINECS NO.	CAS NO.	% W/W (EC RANGE)
C9-C11 Alcohol ethoxylate with 9MEO	Xn R22 Xi R41	None	68439-45-2	15 to 30%
Sodium xylene sulphonate	Xi R36/37/38	215-090-9	1300-72-7	Less than 5%
Perfume (IFRA certified)	R10 Xn R65 Xi R43 R38 N R51/53	None	None	Less than 5%
Perfume (IFRA certified)	Xn R65 Xi R43 R38 N R51/53	None	None	Less than 5%
Limonene	R10 Xi R38 R43 N R50/53	227-813-5	5989-27-5	Less than 1%
Orange terpenes	R10 Xn R65 Xi R38 N R50/53	232-433-8	8028-48-6	Less than 1%
Turpentine oil (Turpentine)	R10 Xn R65 R20/21/22 Xi R36/38 R43 N R51/53	232-350-7	8006-64-2	Less than 1%
Terpinolene	R10 Xn R65 N R51/53	209-578-0	586-62-9	Less than 1%
Spike lavender oil Spanish	R10 Xn R65 Xi R36/38 N R50/53	289-995-2	8000-28-0	Less than 1%
Diphenyl oxide (phenyl ether)	N R51/53	202-981-2	101-84-8	Less than 0.1%

SECTION 4: FIRST AID MEASURES

Eye Contact: Flush immediately with water for 15 minutes whilst lifting eyelids, then seek medical attention if irritation persists.

Skin Contact: Flush skin with water. Seek medical attention if any skin irritation persists.

Inhalation: If affected by spray mists, get fresh air and seek medical assistance if breathing difficult.

Ingestion: If ingested, rinse mouth thoroughly, drink water or milk and seek immediate medical attention. Do not give anything by mouth if patient is unconscious. **DO NOT INDUCE VOMITING.**

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media: Product is not flammable. Use water, carbon dioxide, dry powder extinguisher, or other media appropriate for materials actually involved in fire.

Fire/Explosion Hazards: None.

Decomposition Products: Exposure to fire may liberate carbon dioxide, carbon monoxide, water and other unidentified thermal decomposition products from this product or its packaging.

Special Protective Equipment: Self contained breathing apparatus for large amounts involved in fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Protection: Protective clothing, nitrile butyl rubber gloves, chemical splash goggles.

Containment and Disposal: Large spills should be treated with dry absorbent and disposed at legal waste disposal site. Small spills can be flushed with water to sewage drain linked to waste treatment facility.

SECTION 7: HANDLING AND STORAGE

Handling Precautions: Wear nitrile butyl rubber gloves and safety glasses when handling concentrate.

Storage Precautions: Avoid extremes of temperature.

Keep out of reach of children. Keep in original container.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: Turpentine oil WEL-LTEL 100ppm WEL-STEL 150ppm.

Diphenyl oxide (phenyl ether) WEL-LTEL 1ppm

Environmental Controls: For additional guidance, contact ENVIROWISE at www.envirowise.gov.uk or telephone 0800 585794

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

Protective Clothing: Standard work clothing and nitrile butyl rubber gloves. Protective gloves should be inspected for wear before use and replaced regularly in accordance with the manufacturers specifications.

Respiratory Protection: A suitable particle face mask to prevent inhalation of fine spray mist is recommended during fogging and spraying applications.

Ventilation: Normal air circulation. Allow adequate ventilation in enclosed areas.

Hygiene: Wash hands and clothing after use or spill. Do not eat or drink when handling chemicals.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Colour/State: Moderate foam turquoise green liquid

Odour: Floral

pH Concentrate: 7.5 **pH Diluted:** 7.5

Boiling Point / Range °C: 100

Flash Point °C: None **Method:** Not applicable

Flammability Limit %: Not applicable

Explosive Properties: Not applicable

Oxidising Properties: Not applicable

Vapour Pressure: Not determined

Relative Density (Water = 1): 1.03 **Solubility:** 100%

Partition Coefficient (N-octanol / Water): Not determined

Viscosity: Not determined

Vapour Density: Not determined

Evaporation Rate: Not determined

% Active: 26.39

% Solids: 23

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: Extremes of temperature.

Incompatibility (Materials to Avoid): Avoid strong oxidising agents.

Hazardous Decomposition Products: Exposure to fire may liberate carbon dioxide, carbon monoxide, water and other unidentified thermal decomposition products from this product or its packaging.

SECTION 11: TOXICOLOGICAL INFORMATION

Eye Contact: Contact with concentrate may produce significant irritation and possible damage.

Skin Contact: Possible irritation from prolonged contact with concentrate.

Inhalation: No health effects expected other than possible irritation of respiratory tract by wetting agents in spray form.

Ingestion: Possible mild irritation of digestive tract from detergent component.

Acute and Chronic Effects:

Acute Toxicity: LD50 >200<2000mg/Kg (oral-rat) (alcohol ethoxylate with 9MEO)

LD50 >2000mg/kg (dermal-rat) (alcohol ethoxylate with 9MEO)

LD50 >2000mg/kg (oral-rat) (sodium xylene sulphonate)

Corrosivity / Irritation: Skin, eye and respiratory

Sensitisation: This product contains limonene, citral, cinnamal, linalool, turpentine oil rectified, geraniol, coumarin, citronellol.

Repeated Dose Toxicity: Not established

Mutagenicity: None

Carcinogenicity: None

Teratogenicity: None

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: LC50 10-100mg/l (fish) (alcohol ethoxylate with 9MEO)

LC50 1-10mg/l (daphnia) (alcohol ethoxylate with 9MEO)

LC50 10-100mg/l (algae) (alcohol ethoxylate with 9MEO)

Mobility: Soluble in water

Persistence and Degradability: The raw material ingredients in this product are biodegradable within the scope of current EC legislation. The surfactant(s) contained in this preparation 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. The major packaging materials of polyethylene and fibreboard are recyclable.

Bioaccumulative Potential: None known.

Other Effects: None known or no relevant data available for substances in this preparation.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste cleaning effluent should be disposed of in accordance with regional and national requirements.

Empty containers should be rinsed with water then crushed and disposed of at legal waste disposal site.

Contact local Environment Agency office for waste holder requirements.

SECTION 14: TRANSPORT INFORMATION

UN No: None

Classification: Not classified as hazardous for transport

Proper Shipping Name: None

Packing Group: None

Road (ADR): None

Sea (IMDG): None

Air (ICAO / IATA): None

Rail (RID): None

SECTION 15: REGULATORY INFORMATION

Classification: Xi 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.

The information given has been compiled with reference to the **CHEMICALS (HAZARD INFORMATION AND PACKAGING FOR SUPPLY) REGULATIONS (CHIP 3) 2002** (as amended), the **RESTRICTION, EVALUATION, AUTHORISATION AND RESTRICTION OF CHEMICALS (REACH) REGULATIONS** (as amended), the **CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS (COSHH) 2002** (as amended) **REGULATION (EC) NO. 648/2004 ON DETERGENTS** (as amended) and the **MANAGEMENT OF HEALTH AND SAFETY AT WORK REGULATIONS 1999** (as amended). This safety data sheet does not constitute the users own assessment of workplace risk as required by other health and safety regulations.

SECTION 16: OTHER INFORMATION

Risk Phrases: R10 Flammable. R20 Harmful by inhalation.

R21 Harmful in contact with skin. R22 Harmful if swallowed. R36

Irritating to eyes. R37 Irritating to respiratory system. R38

Irritating to skin. R41 Risk of serious damage to eyes. R43 May

cause sensitisation by skin contact. R50 Very toxic to aquatic

organisms, R51 Toxic to aquatic organisms. R53 May cause

long-term adverse effects in the aquatic environment. R65

Harmful: may cause lung damage if swallowed.

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.

Revisions: Replaces SDS A222 Issue / Revision Date 01/08/06

Revised Sections: 1, 2, 3, 8, 11, 12, 15.