



I. Product and Company Identification

1.1 Identification of the substance or preparation:

PEACEMAKER™ ODOUR CONTROL MEDIA

1.2 Company Identification: Odour Control Systems Limited
33A Castle Close,
Hawarden Industrial Park
Manor Lane,
Hawarden,
Deeside.
CH5 3PP.
Tel: 01244 536700 Fax: 01244 535184

THE FOLLOWING INFORMATION RELATES TO SAFETY CONSIDERATIONS WHEN PEACEMAKER MEDIA IS IN LOOSE FORM AND NOT ENCAPSULATED WITHIN PEACEMAKER MODULES

II. Composition/Information on Ingredients

- 2.1 Chemical Composition: Preparation of proprietary oxidising and adsorption ingredients including Chlorine Dioxide stabilised in inert media.
- 2.2 Risk Phrases: R8 - Contact with combustible materials may cause fire.
R22 - Harmful if swallowed.
R32 - Contact with acids liberates toxic gas.
- 2.3 Classification/Symbol: O - Oxidising
C - Corrosive

III. Hazards Identification

- 3.1 Adverse Health Effects: Mildly irritating to eyes.
Irritating to skin.
Harmful if swallowed.
- 3.2 - Environmental Effects: Toxic to aquatic organisms.
- 3.3 - Physical & Chemical: In contact with acids may develop chlorine dioxide which may cause risk of explosion. Contact with combustible materials (grease, fats, wood, cellulose, paper, etc.) may cause fire.

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IV. First Aid Measures

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| 4.1 | Eye Contact: | Immediately flush eyes with water for at least 15 minutes.
Seek medical advice if symptoms persist. |
| 4.2 | Skin Contact: | Remove contaminated clothing and wash affected areas with soap & water.
Soak contaminated clothing with water to prevent fire risk.
Seek medical attention if irritation develops and persists. |
| 4.3 | Inhalation: | May irritate respiratory tract. |
| 4.4 | Ingestion: | Rinse mouth with water and give water or milk to drink.
Seek medical attention if symptoms persist. |

V. Fire Fighting Measures

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|-----|--|---|
| 5.1 | Special fire/explosion hazard | May decompose in fire producing toxic chlorine compounds. |
| 5.2 | Products of Combustion: | Not combustible. |
| 5.3 | Fire Fighting Procedures
Extinguishing Media: | If in vicinity of fire:
- Keep containers cool with water spray.
- Do not use carbon dioxide or organic material. |

VI. Accidental Release Measures

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| 6.1 | Personal Protection: | Wear goggles, plastic gloves (not rubber) and boots.
Eyewash facilities should be available. |
| 6.2 | Methods of Cleaning Up: | Dispose of under local regulations. |

VII. Handling and Storage

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| 7.1 | Precautions During Handling:
Technical Measures: | Ventilation of the place, local exhaust of dust or vapours
(in case of product decomposition). |
| | Precautions: | Avoid contact with eyes and skin. Wear personal protective equipment. |
| | Safe Handling Advice: | Handle product with care and avoid contamination. |
| 7.2 | Precautions During Storage:
Storage Conditions: | Store in a dry, cool, clean, well ventilated area. Do not store on wooden
surfaces or flammable pallets. Keep away from incompatible
(especially acids) and combustible materials. |
| 7.3 | Packaging Materials: | Do not use common steel, aluminium, copper and its alloys, rubber.
Use stainless steel, glass, ceramics, polyethylene, PVC. |

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VIII. Exposure Controls/Personal Protection

- 8.1 Special Protective Measures
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|--------------|---|
| Respiratory: | If dust is generated during handling, wear dust mask. |
| Hand: | Wear plastic gloves. |
| Eye: | Wear goggles. |
| Skin: | Work suit, preferably made of PVC, Neoprene, nitrile rubber.
Avoid leather, cotton or natural rubber due to fire risk. |
- 8.2 Exposure Limits: PEL/TLV not established for product as a whole.
For Crystalline Silica 0.05mg/m³

IX. Physical and Chemical Properties

- 9.1 Physical State: Solid Tan Granules.
- 9.2 Odour: Typical.
- 9.3 Temperature Characteristics: N/A
- 9.4 pH: N/A
- 9.5 Solubility:
- | | |
|--------------|-----|
| In Water: | N/A |
| In Solvents: | N/A |
- 9.6 Vapour Pressure: N/A
- 9.7 Density: 818kg/m³ bulk density
- 9.8 Flammability: Not combustible

X. Stability and Reactivity

- 10.1 Stability: Stable
- 10.2 Conditions/Materials to Avoid: Avoid direct exposure to acids and organic and combustible matter.
- 10.3 Decomposition: On contact with above conditions may decompose to and Dangerous Products release chlorine dioxide gas.

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XI. Toxicological Information

- 11.1 Acute Toxicity: LD50 orl.rat (by feeding-m/f): 2.5gm/kg.
Category III Ld50 dermal.rbt: => no dermal irritation on prolonged contact.
- 11.2 Local Effects: Skin contact: not irritating (patch test, rabbit, 4h)
Eyes: mild irritant to eyes (Draiza test rabbit).
- 11.3 Sensitisation:
- 11.4 Long Term Toxicity: Carcinogenicity: No carcinogenic potential.
- 11.5 Experience in Humans: Continued inhalation of decomposition products may cause lung oedema.

XII. Biological Information

- 12.1 Mobility: N/A
- 12.2 Persistence and Degradability: Chemical Impregnate will degrade
- 12.3 Bioaccumulative Potential: Non known.

XIII. Disposal Considerations

- 13.1 Disposal of product: Disposal of through approved waste disposals operative.
- 13.2 Disposal of packaging: Rinse empty containers thoroughly before disposal.

XIV. Transport Information

- 14.1 UN No.: 1759
- 14.2 UK Road:
Classification: 8 (corrosive)
Packing Group: II.
- 14.3 Spillage: Contain large spillage's, then remove to suitable sealed containers and dispose of through approved waste disposals operative.

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XV. Regulatory Information

15.1 The chemicals (Hazard Information and Packaging for Supply) Regulations 1994:

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|-------------------|---|
| • Index No: | Not listed |
| • Risk Phrases: | R8 Contact with combustible materials may cause fire.
R22 Harmful if swallowed.
R32 Contact with acids liberates toxic gas. |
| • Safety Phrases: | S14 Keep away from acids.
S17 Keep away from combustible materials.
S26 in case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36 Wear suitable protective clothing,
/37 gloves and eye/face protection.
/39 |

XVI. Other Information

17.1 Recommended uses: Industrial Odour Control.

This information is given in good faith and is based on information and tests believed to be reliable. The suitability of this product for any particular use is not suggested or implied. This document is not a specification and properties shown are not guaranteed.

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Each recipient should carefully review this information, data and recommendations in this specific context of its intended use. This product should only be used according to the specific guidelines for use laid out in Odour Control Systems Limited publications. Use of these products is deemed to be acceptance of the above.

Always READ material safety data sheet before use.

preserving the environment

Odor Control Systems Ltd
33a Castle Close, Manor Lane
Hawarden Industrial Park
Hawarden, Flintshire CH5 3QX

Phone: +44 (0)1244 536700
Fax: +44 (0)1244 535184
E-mail: mail@odourcontrolsystems.ltd.uk
Web: www.odourcontrolsystems.ltd.uk



Certificate No. 7174

