



I. Product and Company Identification

1.1 Identification of the substance or preparation:

OCS DI-OX PLUS EFFLUENT AND SLUDGE ADDITIVE

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

II. Composition/Information on Ingredients

2.1 Product Composition: Perfume/Fragrance materials, Odour counteractant material,
Non ionic Surfactant, Anionic Surfactant, Food dye, Water.

2.2 Dot Hazard Classification: Non Hazardous.

2.3 NFPA. Health Hazard: Normal Material.

2.4 CAS Number: Proprietary.

III. Hazards Identification

3.1 Acute Oral Toxicity: No data.

3.2 Eye Irritation: May cause some stinging of the eyes.

3.3 Skin Irritation: May cause some drying of skin.

3.4 Inhalation: May cause some nausea.

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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 attention. |
| 4.2 | Skin Contact: | In cases of prolonged contact, wash with soap and water. Seek medical attention if irritation persists. |
| 4.3 | Inhalation: | Remove to fresh air. Seek medical attention. |
| 4.4 | Ingestion: | Drink copious amounts of water and seek medical advice |

V. Fire Fighting Measures

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|-----|---|----------------|
| 5.1 | Flash point: | N/A |
| 5.2 | Flammability: | Non Flammable. |
| 5.3 | Unusual hazards: | None known. |
| 5.4 | Hazardous Combustion or Decomposition Products: | None known. |

VI. Accidental Release Measures

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|-----|------------------|--|
| 6.1 | Spillage: | Contain spillage with absorbent material ready for disposal. Wash area with suitable detergent and rinse thoroughly. |
| 6.2 | Disposal Method: | Dispose of under local regulations. |

VII. Handling and Storage

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|-----|-------------------------|--|
| 7.1 | Local Exhaust: | None should be needed. |
| 7.2 | Mechanical(General): | Non should be needed. |
| 7.3 | Respiratory Protection: | None needed. |
| 7.4 | Precautions: | Maintain eye washer shower facilities and source of running water in the vicinity. |
| 7.5 | Storage Conditions: | Store in closed containers and protect from frost. |
| 7.6 | Shelf Life: | Minimum 1 year in unopened containers. |

MATERIAL SAFETY DATA SHEET

VIII. Exposure Controls/Personal Protection

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|-----|--------------|--------------------------------|
| 8.1 | Respiratory: | None needed. |
| 8.2 | Hand: | Wear plastic or rubber gloves. |
| 8.3 | Eye: | Goggles are recommended. |
| 8.4 | Skin: | Clean, body-covering clothing. |

IX. Physical and Chemical Properties

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|-----|----------------------------|---------------------|
| 9.1 | Physical State: | Green Liquid. |
| 9.2 | Odour: | Woody/Floral/Minty. |
| 9.3 | Boiling Point: | 98.6°C |
| 9.4 | pH: | @ 20°C 7.4 - 7.7 |
| 9.5 | Solubility:
In Water: | @ 25°C - soluble. |
| 9.6 | Specific Gravity: | 1.0 |
| 9.7 | Decomposition Temperature: | > 200°C |

X. Stability and Reactivity

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|------|--------------------------------------|---|
| 10.1 | Stability: | Product stable. |
| 10.2 | Polymerisation: | Will not occur. |
| 10.3 | Incompatibility: | Avoid strong Oxidising or Reducing Agents. |
| 10.4 | Hazardous Decomposition
Products: | Thermal Decomposition could produce Carbon Mon/Dioxide. |

XI. Regulatory Compliance

- 11.1 The product is classed as being non hazardous under the Classification, Packaging and Labelling of Dangerous Substances Regulation 1984.

Contains only those materials which will be listed in the E.E.C. Inventory of Chemical Substances (Notification of Dangerous Substances Directive 76/548/EEC and 79/831/EEC).

Contains only those raw materials which are listed in the Toxic Substances Control Act Chemical Substances Inventory. (Environmental Agency Legislation of the USA)

Perfume ingredients comply with Restrictive Guidelines laid down by the International Research Association. (I.F.R.A.)

continued overleaf >>>

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XII. Biological Information

- 12.1 Mobility: Will disperse through aqueous systems.
- 12.2 Persistence and Degradability: Will degrade.
- 12.3 Bioaccumulative Potential: Not known.

XIII. General Information

- 13.1 The product is biodegradable and non-hazardous and designed for use as an odour control compound.

XIV. Product Application Data

- 14.1 The product is supplied in concentrated liquid form, and is designed to be diluted with water (to make 0.5 - 10% solution) and applied via atomising spray, either direct to atmosphere or injected into industrial exhaust ducts at the rate of 0.5 - 2 litres of solution per atomising nozzle per hour.

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.

Information on this form is furnished in compliance with current legislation. It is the responsibility of the recipient to pass on this information to relevant departments/persons involved. Odour Control Systems Limited assumes no responsibility for injury of death and/or third persons, however caused. The user bailee and their respective employees and agents assume all such risks if reasonable safety procedures are not adhered to.

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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

