

I. Product and Company Identification

1.1 Identification of the substance or preparation:

OCSC-PFR CITRAFRESH

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 Chemical Composition: Perfume/Fragrance Materials, Food Grade Amyl Acetate,
Non-Ionic Surfactant and Water.

2.2 Risk Phrases: R8 Contact with combustible materials may cause fire.
R22 Harmful if swallowed.
R32 Contact with acids liberates very toxic gas.

2.3 Classification/Symbol: O Oxidising
Non-Hazardous

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 or when heated or under sunlight, may develop very toxic gas (chlorine dioxide) which may cause risk of explosion.
Contact with combustible materials (grease, fats, wood, cellulose, paper, etc.) may cause fire. Contact with reducing agents and sulphur containing substances causes violent exothermic reaction.

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IV. First Aid Measures

- 4.1 Eye Contact: Immediately flush eyes with water for at least 15 minutes. Seek medical advice if symptoms persist.
- 4.2 Skin Contact: In cases of prolonged contact, wash affected areas with soap and water. Seek medical attention if irritation develops and persists.
- 4.3 Inhalation: Remove to fresh air. Seek medical attention.
- 4.4 Ingestion: Rinse mouth with water and drink copious amounts of water and seek medical attention.

V. Fire Fighting Measures

- 5.1 Special Fire/Explosion Hazard: May decompose in fire producing toxic chlorine compounds. Strong oxidising agent-will assist combustion. Risk of drums bursting.
- 5.2 Products of Combustion: Not combustible. Toxic chlorine compounds released in fire.
- 5.3 Fire Fighting Procedures
Extinguishing Media: Wear S.C.B.A. for chlorine/chlorine dioxide.
Keep containers cool with water spray.
Avoid dispersion in the water courses.
Do not use carbon dioxide or organic material.
In case of spreading, avoid drying by dilution with plenty of water.

VI. Accidental Release Measures

- 6.1 Personal Protection: Wear goggles, plastic gloves and boots. Eyewash facilities should be available.
- 6.2 Methods of Cleaning Up: In case of spillage, contain spillage with absorbent material ready for disposal. Wash area with suitable detergent and rinse thoroughly.

VII. Handling and Storage

- 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 and breathing of activated chlorine dioxide vapours.
Wear personal protective equipment, maintain eye washer shower facilities and source of running water in the vicinity.
- Safe Handling Advice: Handle product with care and avoid contamination.

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- 7.2 Precautions During Storage:
Storage Conditions: Store in a cool, clean, well ventilated area.
Do not store on wooden surfaces or flammable pallets.
Keep away from incompatible (especially acids) and combustible materials,
from direct sunlight and heating sources.
Provide water facilities, do not let any spilt product dry.
- 7.3 Packaging Materials: Do not use common steel, aluminium, copper and its alloys, rubber.
Use stainless steel, glass, ceramics, polyethylene, PVC.

VIII. Exposure Controls/Personal Protection

8.1 Special Protective Measures

- Respiratory: No protection should be needed.
- Local Exhaust: Non should be needed.
- Skin: N/A
- Mechanical(General): Non should be needed.

IX. Physical and Chemical Properties

- 9.1 Physical State: Liquid
- 9.2 Odour: N/A
- 9.3 Temperature Characteristics: Decomposition Temperature = 200oC
- 9.5 Solubility:
In Water: Soluble @ 25°C
In Solvents: N/A
- 9.6 Vapour Pressure: N/A
- 9.7 Density: N/A
- 9.8 Flammability: Not combustible
Flash Point: N/A
Autoignition Temperature:
Flammable Limited:
- 9.9 Specific Gravity: 1.0.

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X. Stability and Reactivity

- 10.1 Shelf Life: Minimum 1 year in unopened containers.
- 10.2 Conditions/Materials to Avoid: Protect from frost.
- 10.3 Decomposition Temperature and Dangerous Products Released: Thermal decomposition could produce Carbon Mon/Dioxide.
- 10.4 Stability Data: Product Stable.
- 10.5 Polymerisation: Will not occur.
- 10.6 Incompatibility: Avoid strong oxidising or reducing agents.

XI. Toxicological Information

- 11.1 Acute Oral Toxicity: No data.
- 11.2 Local Effects: Skin contact: May cause some drying of skin.
Eyes: may cause some stinging of the eyes.
Inhalation: may cause some nausea.
- 11.3 Sensitisation: No data.
- 11.4 Long Term Toxicity: Carcinogenicity: No carcinogenic potential.
- 11.5 Experience in Humans: No significant effect after application in drinking water for upto 12 weeks.

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. 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.

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XIV. Transport Information

- 14.1 UN No: 3139
- 14.2 UK Road:
Hazchem Code:
Classification: Harmful substance.
Packing Group: II.
- 14.3 Spillage: Larger than 25 litres, decontaminate with sodium sulphite with a contact time of at least 10 minutes, then dilute with water and flush to foul drain.

XV. Regulatory Information

- 15.1 The product is classed as being non hazardous under the classification, Packaging and Labelling of Dangerous Substances Regulations 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 Protection Agency Legislation of the USA)

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

XVI. Product Application Data

- 16.1 The product is supplied in concentrated liquid form, and is designed to be diluted with water (to make 0.5 - 2.0% solution) and applied via atomising spray, either direct to atmosphere or injected into exhaust ducts at the rate of 0.5 - 2.0 litres of solution per atomising nozzle per hour.

XVII. Other Information

- 17.1 Recommended uses: Industrial Odour Control.

This information is for health and safety guidance only and does not constitute a specification. It is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable laws and regulations.

Nothing contained herein is to be construed as a recommendation for use in violation of any patents or of applicable laws or regulations

Always READ material safety data sheet before use.

preserving the environment

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