



I. Product and Company Identification

1.1 Identification of the substance or preparation:

OCS BIO-ACT™

1.2 Company Identification:

Odour Control Systems Limited
33A Castle Close,
Hawarden Industrial Park
Manor Lane,
Hawarden,
Deeside.
CH5 3PP.
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II. Composition/Information on Ingredients

2.1 Chemical Composition: Complex blend of anaerobic and facultative bacteria in live liquid form.

III. Hazards Identification

3.1 DOT Hazard classification: Non-hazardous, non toxic, non pathogenic.

3.2 NFPA: Health hazard -0- Normal Material.
Flammability -1- above 200°F.
Reactivity -0- Stable.

3.3 CAS Number: Proprietary.

3.4 RCRA Hazard Class: (If discarded) D001

3.5 EPA Priority Pollutants: None.

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: Remove contaminated clothing and wash affected areas with water.

4.3 Inhalation: Remove to fresh air.

4.4 Ingestion: Rinse mouth with water and give water or milk to drink.
Seek medical attention if symptoms persist.

MATERIAL SAFETY DATA SHEET

V. Fire Fighting Measures

5.1 Products of Combustion: Not combustible.

VI. Accidental Release Measures

6.1 Action to take for spills: Use appropriate Safety Equipment

6.2 Spills: Use absorbent material to collect and contain for disposal.
Contain large spills and pump into a suitable tank.
Wash area with suitable detergent and thoroughly rinse.

6.3 Disposal Method: All regulations concerning health pollution should be reviewed to determine approved disposal procedures.

VII. Handling and Storage

7.1 Storage Conditions: Store in a cool, clean, well ventilated area at temperature below 120°F, but protect from freezing.

VIII. Exposure Controls/Personal Protection

8.1 Special Protective Measures

Ventilation:

- Local Exhaust: None should be needed
- Mechanical (General): Recommended
- Respiratory Protection: Canister type GMA (Mine Safety Appliance Co.)

Hand:

Wear rubber gloves.

Eye:

Chemical workers goggles recommended.

Skin:

Clean, body covering clothing. In addition, boots and apron, depending on the exposure likely, or as required by the company.

8.2 Other Protective Equipment: Eye wash facilities and safety shower in work area.

IX. Physical and Chemical Properties

9.1 Physical State: @ 25°C - Liquid varying from clear/grey to brown/purple in colour.

9.2 Odour: Slightly sulphurous.

9.3 Temperature Characteristics: Boiling point is 200°F

9.4 Specific Gravity: @ 25°C - 1.01

9.5 Solubility in Water: @ 25°C - soluble

9.6 Vapour Pressure: @ 25°C > 1

9.7 Vapour Density (air = 1): < 1

9.8 Volatiles, % by volume 99

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X. Stability and Reactivity

- 10.1 Stability: Stable.
- 10.2 Materials to Avoid: Strong oxidising material can cause a reaction.
- 10.3 Hazardous Decomposition: Thermal decomposition or burning may produce carbon mono/dioxides.
- 10.4 Hazardous Polymerisation: Will not occur.

XI. Other Information

- 11.1 Recommended Uses: Industrial Odour Control.

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Always READ material safety data sheet before use.

preserving the environment

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