



I. Product and Company Identification

1.1 Identification of the substance or preparation:

OCS BIO-ACT NUTRIENT

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: Micronutrients.

III. Hazards Identification

3.1 DOT Hazard classification: Non-hazardous,.

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

3.3 CAS Number: Proprietary.

3.4 RCRA Hazard Class: (If discarded) None

3.5 EPA Priority Pollutants: None.

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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 |
| 4.2 | Skin Contact: | Remove contaminated clothing and wash affected areas with soap & water. |
| 4.3 | Inhalation: | Remove to fresh air. Seek medical advice if symptoms persist. |
| 4.4 | Ingestion: | Induce vomiting. Seek medical attention. |

V. Effects of Over Exposure

- | | | |
|-----|-------------|--|
| 5.1 | Eye: | May cause irritation. |
| 5.2 | Skin: | May cause irritation. |
| 5.3 | Inhalation: | Upper respiratory irritation, or in excessive cases - may affect lungs. |
| 5.4 | Ingestion: | May cause vomiting, diarrhoea ,a sensation of hotness and may also affect kidneys and thyroid. |

VI. Accidental Release Measures

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|-----|----------------------------|--|
| 6.1 | Action to take for spills: | Ventilate area of spill. |
| 6.2 | Spills: | Collect material into appropriate containers for refuse or disposal.
Materials may also be flushed with water to waste water treatment systems. |
| 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: | Avoid contact with eyes, skin and clothing.
Avoid breathing dust. Wash thoroughly after handling. |
|-----|---------------------|--|

VIII. Fire and Explosion Hazard Data

- | | | |
|-----|-----------------------------------|---------------------------------------|
| 8.1 | Flash Point: | N/A |
| 8.2 | Flammable Limits in air: | % by volume - N/A Lower:N/A Upper:N/A |
| 8.3 | Extinguishing Media | Water |
| 8.4 | Special Fire Fighting Procedures: | None |
| 8.5 | Unusual Fire & Explosion Hazards: | None known to OCS. |

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IX. Exposure Controls/Personal Protection

9.1 Special Protective Measures

Ventilation:

- | | |
|---------------------------|-----------------------|
| - Local Exhaust: | None should be needed |
| - Mechanical (General): | Recommended |
| - Respiratory Protection: | NIOSH/MSHA |

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.

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

X. Physical and Chemical Properties

10.1 Physical State: @ 25°C - Brown powder

10.2 Odour: Slight odour.

10.3 Boiling Point: N/A

10.4 Weight by Volume: 0.7 g/ml

10.5 Solubility in Water: @ 25°C - partially soluble

10.6 Vapour Pressure: N/A

10.7 Vapour Density (air = 1): N/A

XI. Stability and Reactivity

11.1 Stability: Stable.

11.2 Materials to Avoid: None.

11.3 Hazardous Decomposition products: None.

11.4 Hazardous Polymerisation: Will not occur.

XII. Other Information

12.1 Recommended Uses: Industrial Odour Control.

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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

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