

I. Product and Company Identification

1.1 Identification of the substance or preparation:

OCS MFR MELONFRESH

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 Odour Countervailant materials	non hazardous
Stabilised Solution of Chlorine Dioxide	non toxic
Non Ionic Surfactant	non hazardous
Anionic Surfactant	non hazardous
Inert Ingredients	non hazardous
Water	

III. Hazards Identification

3.1 Eyes: Modified Draize Test on Albino Rabbits: Mild ocular irritant.

3.2 Skin Contact: Modified Draize Test on Albino Rabbits: No dermal irritation on prolonged contact.

3.3 Ingestion: Acute Oral Toxicity in Albino Rats; LD 62.5 grams/kg; category III

3.4 Inhalation: Albino Rats exposed to a respirable aerosol made from a solution of stabilised material at levels of up to 2.8mg/1 for one hour resulted in no deaths or gross pathology.

Acute, Subacute and Chronic (Organs & Systems) effects: Acute subacute and chronic toxicity test in mice by oral feeding were performed with very much stronger stabilised chlorine dioxide solutions than Diox 2000 solution.

MATERIAL SAFETY DATA SHEET

- 3.5 Conclusions: (a) Non-toxic when fed by stomach trocar.
(b) Chronic feeding tests by gavage and in drinking water was non-toxic.
- 3.6 Carcinogenicity: This mixture does not contain a component which is listed by the IARC or NTP as a potential carcinogen under OSHA Standard 29 CFR 1910.1200.

IV. First Aid Measures

- 4.1 Eye contact: Irrigate with water for at least 15 minutes. Call doctor if irritation persists.
- 4.2 Skin contact: Wash off in flowing water or shower.
- 4.3 Inhalation: Remove to fresh air. If breathing is difficult, give oxygen. Call a doctor.
- 4.4 Ingestion: Give large amounts of water and contact a doctor.

V. Fire Fighting Measures

- 5.1 Flash Point: None.
- 5.2 Flammable Limited: Solution will not burn in the presence of oxidisable materials.
- 5.3 Extinguishing media: Water or Fog.

VI. Accidental Release Measures

- 6.1 Flush with water to dilute and wash down to foul drain.

VII. Handling and Storage

- 7.1 Storage in a cool area. Avoid temperatures above 145 F and freezing conditions. Store away from any oxidising agent, reducing agent or any acid.

VIII. Exposure Controls/Personal Protection

- 8.1 Skin Protection: Clean body covering protection plus rubber or neoprene work gloves.
- 8.2 Eye Protection: Goggles are recommended.

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IX. Physical and Chemical Properties

9.1 Appearance:	Clear solution
9.2 Odour:	Typical
9.3 Boiling Point:	214°F
9.4 Vapour Pressure:	Similar to water
9.5 Solubility in water:	Completely soluble in all proportions
9.6 Specific Gravity:	1.00

X. Stability and Reactivity

10.1 Stability:	<p>Persnickety DIOX 2000 is a stabilised solution of chlorine dioxide and is safe for use as intended. Contamination with other materials such as acids, chlorine, organic chemicals etc., may cause a chemical reaction, resulting in evolution of Chlorine Dioxide gases and heat. Explosion and/or fire could result. Chlorine dioxide gas is toxic. Keep all chemical and foreign materials away from this solution. Avoid temperatures above 415°F, ultraviolet light, evaporation to dryness.</p>
10.2 Incompatibility:	<p>The stabilised chlorine dioxide solution in DIOX 2000 concentrate is an oxidising agent and should be kept away from acids, organic materials, reducing agents, oxidising agents and chlorine donors. Contact with any of the above materials, reducing agents, oxidising agents and chlorine donors may release free chlorine dioxide gas, which is very toxic. Do not allow DIOX 2000 concentrate to dry on clothes due to danger of fire due to oxidation.</p>

XI. Activation

11.1 Activation:	<p>If to be used in conjunction with DIOX Activator 'A' powder consult relevant M.S.D.S. use only according to proper instructions. If in doubt consult the Company for advice.</p>
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XII. Biological Information

12.1 Mobility	Will disperse through aqueous systems
12.2 Persistence and Degradability	Will degrade
12.3 Bio-Accumulative Potential	Not known

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XIII. Disposal Considerations

- 13.1 Disposal of Product Dilute to foul drain
- 13.2 Packaging Rinse empty containers before disposal

XIV. Transport Information

- 14.1 UN No. N/A
- 14.2 UK Road: Non Hazardous Substance
- 14.3 Spillage Dilute with water and flush to drain

XV. Regulatory Information

- 15.1 Not Applicable

XVI. Other Information

- 16.1 Recommended Uses: Industrial Odour Control Compound.

This product is supplied in Concentrated form, and is designed to be diluted with water (to make 1 – 2% solution). It is designed as an odour neutraliser for use via spray atomisation in to the atmosphere.

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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