



## I. Product and Company Identification

### 1.1 Identification of the substance or preparation:

### **OCS DI-OX™ 2000/312 SPRAY FORMULATION**

### 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:

Odour Countervailant materials:	non hazardous
Stabilised Solution of Chlorine Dioxide:	non toxic, non hazardous
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.

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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.

## Conclusions:

- a) Non-toxic when fed by stomach trocar.
- (b) Chronic feeding tests by gavage and in drinking water was non-toxic.

## 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 Methods of Cleaning Up: Flush with water to dilute and wash down to foul drain.

## VII. Handling and Storage

- 7.1 Precautions During Storage:  
Storage Conditions: 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. Toxicological Information

10.1 Acute Toxicity	Non toxic
10.2 Local Effects	
Skin Contact:	May be irritating to skin on prolonged contact
Eyes:	Mild irritant to eyes in concentrated form
10.3 Sensitisation	No Data
10.4 Chronic Toxicity	Non Toxic
10.5 Carcinogenicity	No carcinogenic potential is known

## XI. Biological Information

11.1 Mobility:	Will disperse through aqueous systems.
11.2 Persistence and Degradability:	Will degrade.
11.3 Bioaccumulative Potential:	Not known.

## XII. Disposal Considerations

12.1 Disposal of product:	Dilute to foul drain.
12.2 Packaging	Rinse empty containers before disposal.

## XIII. Transport Information

13.1 UN No:	N/A
13.2 UK Road:	Non Hazardous Substance
13.3 Spillage:	Dilute with water and flush to drain

*continued overleaf >>>*

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## XIV. Regulatory Information

14.1 Not Applicable

## XV. Other Information

15.1 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 to the atmosphere.

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](mailto:mail@odourcontrolsystems.ltd.uk)  
Web: [www.odourcontrolsystems.ltd.uk](http://www.odourcontrolsystems.ltd.uk)



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