



I. Product and Company Identification

1.1 Identification of the substance or preparation:

PERSNICKETY DIOX TOILET FLUID

1.2 Company Identification:

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

2.1	Perfume / Fragrance materials	non hazardous
	Odour counteractant materials	non hazardous
	Stabilised chlorine dioxide solution	CAS No. 10049-04-4
	Non ionic surfactant	non hazardous
	Inert ingredients	non hazardous

III. Hazards Identification

Potential health effects

3.1	Eye:	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 - 12.5 grams/kg; category III.
3.4	Inhalation:	Albino rats exposed to respirable aerosol made from a solution of stabilised material at levels of up to 2.8 mg/1 for one hour resulting in no deaths or gross pathology.

MATERIAL SAFETY DATA SHEET

3.5 Acute, subacute and chronic (organs & systems) effects:

Acute, subacute and chronic toxicity tests in mice by oral feeding were performed with 5% stabilised chlorine dioxide in several dilutions.

Conclusions:

Undiluted 5% stabilised chlorine dioxide was toxic to mice when fed 0.5ml directly by gavage.

Dilutions ranging from 1:10 to 1:240 were found to be non-toxic when fed by stomach trocar.

Chronic feeding tests by gavage and in drinking water of 5% stabilised chlorine dioxide solution was non-toxic.

During a continuous 90-day period mice were given 5% stabilised chlorine dioxide solution in the drinking water and ad libitum, freshly prepared daily as follows:

The first 51 days 1:24,000 5% stabilised chlorine dioxide and the last 39 days 1:2,400 5% stabilised chlorine dioxide. No untoward effects were noted.

Carcinogenicity effects:

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

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| 4.1 | Eye Contact: | Immediately flush eyes with water for at least 15 minutes. Seek medical advice if symptoms persist. |
| 4.2 | Skin Contact: | Wash off in flowing water or shower. |
| 4.3 | Inhalation: | Remove to fresh air. If not breathing, give mouth to mouth resuscitation. If breathing is difficult, give oxygen. Seek medical advice. |
| 4.4 | Ingestion by mouth: | Give large amounts of water and seek medical advice. |

V. Fire Fighting Measures

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| 5.1 | Flash point: | None |
| 5.2 | Flammable limits: | Solution will not burn in the presence of oxidisable material. |
| 5.3 | Extinguishing media: | Water or fog. |

VI. Accidental Release Measures

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| 6.1 | Methods of cleaning up: | Flush with water to dilute and wash down to foul drain. |
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MATERIAL SAFETY DATA SHEET

VII. Handling and Storage

- 7.1 Precautions during handling: Handle product with care and avoid contamination.
- 7.2 Precautions during storage
Storage conditions: Store in a cool, clean, well-ventilated area. Avoid temperature above 145°F and freezing conditions. Store away from any oxidising agent, reducing agent or any acid.

VIII. Exposure Controls/Personal Protection

- 8.1 Special protective measures
Skin protection: Work suit preferably made of PVC, neoprene, nitrile rubber.
- 8.2 Hand: Rubber or neoprene gloves.
- 8.3 Eye: Goggles.

IX. Physical and Chemical Properties

- 9.1 Appearance: Green Solution
Odour: Typical
Boiling Point: 214°F
Vapour pressure: Similar to water
Solubility in water: Completely soluble in all proportions.
Specific gravity: 1.00

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Always READ material safety data sheet before use.

preserving the environment

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