Odour Control Systems Limited

PRODUCT SHEET

OCS DIOX 2000/312

Odour Neutralising Compound
Safety and Technical Information

Odour Neutralisation Properties

- Hydrogen Sulphide
- Dimethyl Disulphide
- Methyl Mercaptan
- Ethyl Mercaptan
- Propyl Mercaptan
- Butyl Mercaptan
- Dimethyl Sulphide
- Sulphur Dioxide
- Ammonia
- Primary Amines
- Secondary Amines
- Tertiary Amines
- Indole Compounds
- Skatole Compounds
- Aldehydes
- Ketones
- Butyric Acids
- Cadaverine

Product Description

The product is supplied in concentrated liquid form and classed as non-hazardous and none toxic. It is designed to neutralise and control odours via chemical oxidation, absorption and solubilisation.

Mode of Action

Odour absorption and solubilisation is effected via the special combination of non-hazardous non-ionic and anionic surfactants and odour countervailant essential oils to produce odourless solutes.

Chemical oxidation is effected via stabilised liquid chlorine dioxide which reacts selectively with hydrogen sulphide and other highly odorous sulphur containing compounds such as mercaptans and disulphides to form sulphates and sulphonates which are odourless.

Hazards Testing and Approvals Information

The stabilised chlorine dioxide material used in the DIOX 2000/312 formulation is derived from our Persnickety Dioxide Product™, Persnickety Dioxide™ is approved by the Drinking Water Inspectorate (D.W.I.) for use in potable water disinfection and for treating taste and odour. We can provide our approvals number and full details on request. Additionally, it can be seen from all the test data on the MSDS for the product, that in concentrated form DIOX 2000/312 is non-hazardous and non toxic.

Odour Neutralisation Properties

DIOX 2000/312 odour neutralising compound is effective against a very wide range of simple and complex odour nuisance compounds found in organic waste processing operations including; (see list in left panel).

preserving the environment

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APPROVED CONTRACTOR