

OCS Odour Control Product Selection Options

Landfill and Waste Disposal Operations

persnickety®; n.

- Showing extremely careful treatment
- Fussy, fastidious

peace'mak'er, n.

- One who makes peace or reconciles parties at variance
- Allays agitation, calms

DI-OX™ a.

- Di, double, twice
- Ox, beast of burden, hence patient & powerful

BIO-ACT

BIO-ACT is a carefully selected, precisely balanced blend of several bacterial strains.

Bio-Act™ is a Trademark of Syneco Systems Inc. USA used under licence.

Due to its continuous policy of research and development, the Company may alter product specifications without prior notification.

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The following information is a guide to the application of OCS Odour Control Products and Systems for effective odour control during landfill and waste disposal operations.

Landfill Operations

Problems

Odour emissions from landfill operations give rise to a number of problems including general odour from the whole site, specific odours released from the working faces, specific odours released from leachate lagoons/sludge lagoons, gas vents and from operations involved in excavating and landscaping old sites.

OCS Solutions: - a combination of the following is recommended

- Installation of an OCS Odour DI-OX 2000/312 Atomising Spray System along perimeter of site for general site odour control.
- Use of OCS Big Fog System(s) for general odour control across sites and directly on to the working faces, applying OCS DI-OX 2000/312 solution or OCSC – 312SP solution.
- Application of OCS Persnickety DI-OX PLUS™ Odour Neutralising Compound topically sprayed on to and around working faces via OCS Compactor Mounted Boom Sprayer.
- Application of OCS BIO-ACT or OCS DI-OX PLUS™ to control Hydrogen Sulphide in tip leachates and lagoons.
- Application of OCS Surface Deodorant on to surface of lagoons to seal where applicable.
- Fit OCS Peacemaker™ Gas Vent Filters to passive gas vents to efficiently absorb odorous gas fumes.

Waste Transfer Stations

Problems

Accumulated waste in waste storage pits or within storage bays.

OCS Solutions

- OCS DI-OX PLUS™ additive added to and mixed with waste and when added to pit in combination with topical spraying of stored wastes. Also installation of an OCS DI-OX 2000 Atomising Spray System with strategically sited atomisers is recommended for optimum odour control.

Liquid Tankers and Solid Waste Collection Vehicles

Problems

Odorous Wastes tankered or transported.

OCS Solutions

- OCSC-312AP or DI-OX PLUS™ additive either added and mixed with waste, or vehicles cleaned out with a 0.5% solution of the concentrate after use.

NB: A full range of specialised additives is available to deodorise specific odorous liquids. Lab testing facilities are available.

Waste Containers, Skips, Bins and General Storage Areas

Problems

Odours arising from storage of waste.

OCS Solutions

- Topical spray of a 2% solution of DI-OX™ 2000/1112 on to surface of waste as and when necessary. Also use of OCS Dry Vapour Odour Countervailants Blower Units and Persnickety Odour Countervailant compounds in the direct vicinity of the odour source. Waste skips and bins can also be deodorised and sanitised by spraying/washing down using 2% solution of OCS DI-OX™ 2000.

Wheel Wash Pits

OCS Solutions

- Use DI-OX™ 1000/112 at addition rate of 1 part DI-OX to 1000 parts water content of total system to disinfect and deodorise.

The list is intended as a guide to product selection. Please consult the company for detailed data sheets, dosing application and pricing information. Engineering site visits to discuss particular requirements are always recommended.

preserving the environment

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