



OCS DI-OX™ MEDIA

Oxidising Media for Malodour Control

PERSNICKETY® DI-OX™ MEDIA provides demand dependent oxidising properties to provide safe, extremely effective, broad-spectrum malodour control.

OXIDISING – OCS DI-OX™ IMPREGNATED MEDIA is an extremely powerful oxidizing agent. For example, two and a half times that of chlorine, four times that of potassium permanganate. Because OCS DI-OX™ reacts selectively and primarily with only the most offensive odour-producing compounds (hydrogen Sulphide H₂S), mercaptans, organic amines, petroleum distillates, PERSNICKETY® DI-OX™ MEDIA will normally provide a much longer service life than competitive products such as activated carbon. Similarly, OCS DI-OX™ will successfully remove organic sulphides such as DMDS which permanganate based media cannot. Unwanted reactions do not occur. Power is not needlessly spent. OCS DI-OX™ remains available and ready on demand.

Hydrogen Sulphide is rapidly oxidized to organic sulphate; whereas mercaptans and organic sulphides react with OCS DI-OX™ to form odourless sulphonyl compounds and oxygen containing by-products, thus effectively eliminating many odours. When sufficient OCS DI-OX™ is used to fully oxidise phenol, the primary products are converted to respective carboxylic acids. Other odorous compounds that are oxidised include amines, aldehydes and ketones.

Physical Data	
Appearance	Tan Granules
Mesh :	-3, +5 Taylor
Weight :	800kgs per m ³ average
Odour :	Ozone like
Packaging :	10, 20, 200 & 1000 Litre containers
Shelf Life :	Six months in unopened container
Storage	Store in a cool, dry, well ventilated place away from acids.

Typical Applications

PERSNICKETY® Scrubbers	Vented tanks (sludge, liquors effluent)
PERSNICKETY Manhole Inserts	Replacement for activated carbon media
PERSNICKETY Vent Stack Filters	Replacement for potassium permanganate media
Landfill Vents	And any other compound in dry scrubbers

preserving the environment