



# Persnickety Diox Eliminates Smell Complaints

## SJD Humphries Holdings

### **persnickety®; n.**

- Showing extremely careful treatment
- Fussy, fastidious

### **DI-OX™ a.**

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

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Faced with dealing with constant smell complaints from residents and pressure from the local Environmental Health Department, animal feed compounder, SJD Humphries Holdings has found a solution, thanks to a newly developed odour countervailant.

IMAGE TO BE INSERTED

Caption Text

During the final drying stage of the textured feed manufacturing process, an unpleasant odour is carried out with the exhausted air under certain climatic conditions this was being detected by local residents.

SJD Humphries has always taken his environmental responsibilities very seriously and the company therefore set about finding the most effective way of controlling these smells. Following discussions with the local Environmental Health Department and UKASTA (The United Kingdom Agricultural Supply Trade Association) Managing Director Martin Humphries considered several alternative courses of action and eventually decided to install a wet scrubber unit to water wash and scrub the drying process odours.

Unfortunately, despite the addition of the wet scrubber unit the problem was not solved and the complaints continued. It was appreciated therefore that further action needed to be taken and leading odour control specialists, Odour Control Systems Limited were consulted.

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Following site surveys and discussions with SJD Humphries, Odour Control Systems recommended the addition of its 'Persnickety' Diox 5000 scrubber additive into the scrubber system. Trials and tests over a short period determined the optimum application rate for the Diox 5000 and a regular dosing programme was introduced.

The level of complaints declined immediately as the product swiftly established itself and shortly thereafter, the complaints ceased altogether. The Environmental Health Department monitored the effectiveness of the process using AEA Technology and their conclusions were that the wet scrubber, operating with Diox 5000 was sufficient to prevent any smell nuisance.

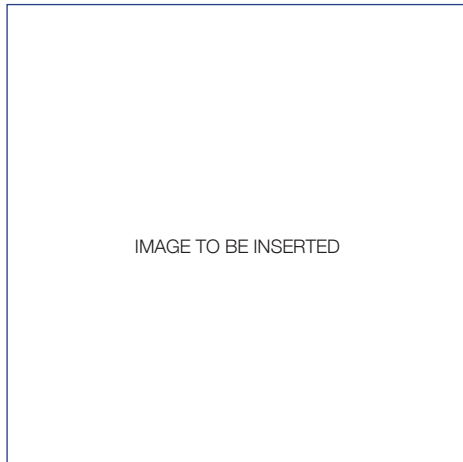
OCS Persnickety Diox is a specialist chemical oxidising compound which offers superior, cost effective performance to traditional odour chemicals such as hypochlorites, peroxides and chlorine, particularly in chemical scrubbing systems.

It is effective over a pH range of 3-12, is not affected by temperature and does not need to be used in conjunction with other chemicals such as caustic soda. It is very powerful oxidant, is resistant to neutralisation by organic load but is less corrosive than most tap water, making it safer to handle than hypochlorites, peroxides and chlorine.

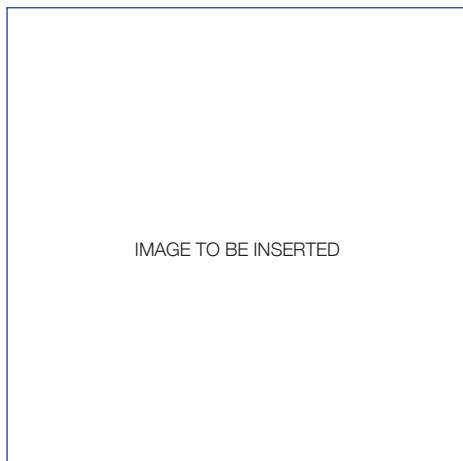
As well as being a cost effective treatment chemical for wet scrubbers, Diox formulations can be applied as an additive to odorous liquids, sludges and effluents for successful odour control and also spray atomised to treat odorous vapours which are rapidly oxidised and neutralised.

Persnickety Diox will successfully treat sulphide, amines, nitrogen compounds, cyanides, phenols, mercaptans, aldehydes, indoles, skatoles and many other compounds.

SJD Humphries are now convinced that the situation is now under control by the introduction of Persnickety Diox, which is safe for operators and the environment alike.



Caption Text



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## Contact

For further information, please contact:  
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# preserving the environment

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