

Nitrification Inhibition in the Treatment of Sewage

Compiled by M Richardson

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The purpose of this book is to provide a rapid reference to information on those chemicals which have been reported in the literature to produce inhibition of nitrification to sewage works processes, etc. Some information is also included where chemicals are known to inhibit anaerobic processes.

The first section of this book following the introduction consists of data relevant to nearly 300 chemical compounds including information relating to substance names, molecular weights, molecular formulae, degree of nitrification inhibition, concentration and references.

This information has been collated from sources indicated in the reference section, however, it is stressed that the information given in these references has not been validated. The final section of this book lists in ascending mass number the chemicals described in the earlier section. It will be of particular value when gas chromatography – mass spectrometry is undertaken on trader's discharges, sewage, river or other water samples.

This book should therefore be an invaluable source of information for scientists and trade effluent officers within Water undertakings, Government Departments, etc., and equally for environment and safety officers within manufacturing industry who may not have ready access to, or knowledge of, the potential risks associated within the discharge of their waste chemicals.

Contents:

Chemicals with effects on nitrification in sewage treatment works; References.
List of compounds in ascending mass number;

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