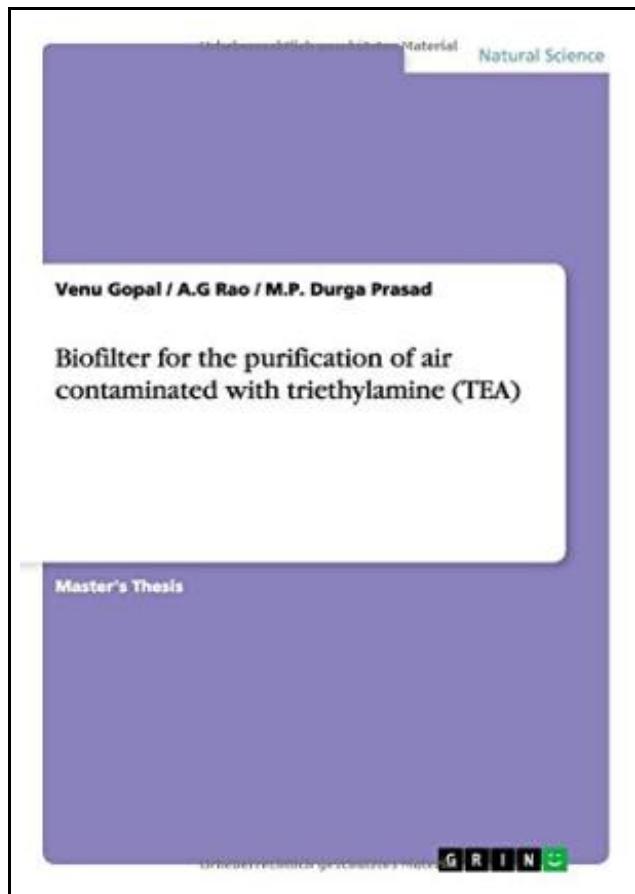


Biofilter for the purification of air contaminated with triethylamine (TEA)



Filesize: 7.24 MB

Reviews

This pdf is really gripping and interesting. We have go through and that i am confident that i will planning to read yet again once again later on. You wont feel monotony at at any time of your time (that's what catalogs are for relating to in the event you question me).

(Miss Madisyn Gulgowski)

BIOFILTER FOR THE PURIFICATION OF AIR CONTAMINATED WITH TRIETHYLAMINE (TEA)

[DOWNLOAD](#)

GRIN Verlag GmbH Jan 2015, 2015. Taschenbuch. Book Condition: Neu. 212x152x7 mm. Neuware - Master's Thesis from the year 2012 in the subject Chemistry - Bio-chemistry, , course: Master Degree, language: English, abstract: Modern air pollution control technologies have emerged over the past 40 years to mitigate emission problems in industrial facilities and thereby comply with environmental regulations. A variety of technologies have been developed to meet the needs of both the industries and the regulatory agencies keeping in view the techno economics. Some air pollutants like H₂S, NH₃ and VOC s are emitted in the industry causes odour and this not only causes occupational health but also damages public image of the company. Engineered biofiltration is a sustainable technology for VOC and odor control. Bio-filtration is a method of pollution control in which pollutants are biologically degraded using microorganisms. Generally, the energy demands for biofiltration are one-fourth to one-tenth that of physico-chemical destructive technologies. Biofilters are being developed and effectively used for a wide variety of industries, including wood products, paint manufacturing, petroleum remediation etc. Biofilters are cost-effective and straightforward options for pollutants capable of biodegrading reasonably easily. Triethylamine(TEA) is a Volatile organic compound widely used as a catalyst for polymerization reactions and a solvent and corrosion inhibitor in industry and it is also used as an intermediate in the production of various chemicals, including pesticides. It is necessary to remove TEA from water and gas in the environment. TEA gas-phase bio treatment has emerged as an effective and inexpensive alternative to conventional physicochemical treatment systems. The technology is still under development in terms of economics, equipment, process kinetics, and operational skills and different layouts and flow trains are being proposed including biofiltration, biotrickling filter, and bioscrubber. In the present work, studies are being carried out on biofilter contaminated...

[Read Biofilter for the purification of air contaminated with triethylamine \(TEA\)](#)[Online](#)[Download PDF Biofilter for the purification of air contaminated with triethylamine \(TEA\)](#)

Other eBooks



Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel's System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****. This historic book may have numerous typos and missing text. Purchasers can download...

[Save Document »](#)



Joey Green's Rainy Day Magic: 1258 Fun, Simple Projects to Do with Kids Using Brand-name Products

Fair Winds Press, 2006. Paperback. Book Condition: New. Brand new books and maps available immediately from a reputable and well rated UK bookseller - not sent from the USA; despatched promptly and reliably worldwide by...

[Save Document »](#)



Dom's Dragon - Read it Yourself with Ladybird: Level 2

Penguin Books Ltd. Paperback. Book Condition: new. BRAND NEW, Dom's Dragon - Read it Yourself with Ladybird: Level 2, Mandy Ross, One day, Dom finds a little red egg and soon he is the owner...

[Save Document »](#)



It's Just a Date: How to Get 'em, How to Read 'em, and How to Rock 'em

HarperCollins Publishers. Paperback. Book Condition: new. BRAND NEW, It's Just a Date: How to Get 'em, How to Read 'em, and How to Rock 'em, Greg Behrendt, Amiira Ruotola-Behrendt, A fabulous new guide to dating...

[Save Document »](#)



Hitler's Exiles: Personal Stories of the Flight from Nazi Germany to America

New Press. Hardcover. Book Condition: New. 1565843940 Never Read-12+ year old Hardcover book with dust jacket-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy-...

[Save Document »](#)