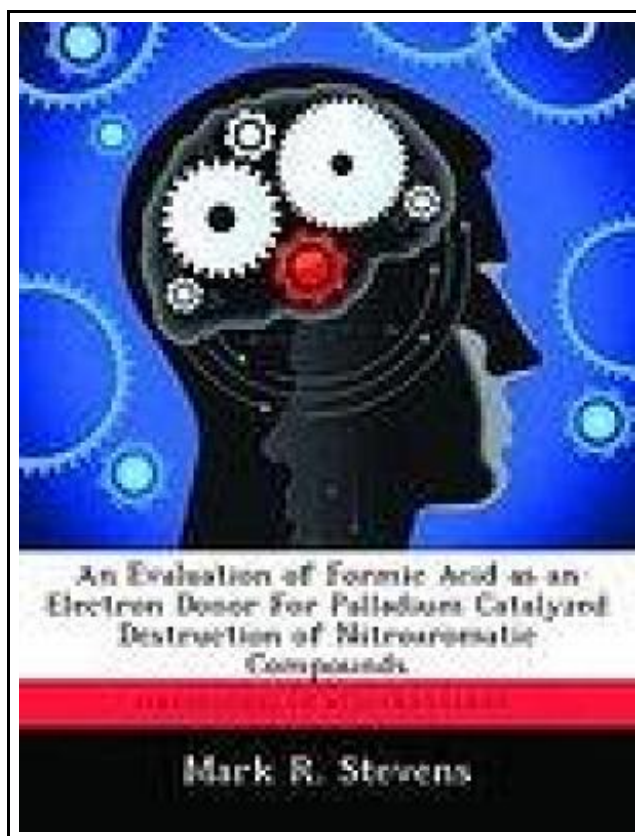


An Evaluation of Formic Acid as an Electron Donor For Palladium Catalyzed Destruction of Nitroaromatic Compounds



Filesize: 1.3 MB

Reviews

A top quality ebook and the font used was fascinating to read through. It is written in easy terms and not confusing. It's been written in a remarkably easy way in fact it is simply after I finished reading through this publication through which actually altered me, alter the way I believe.

(Roberto Block)

AN EVALUATION OF FORMIC ACID AS AN ELECTRON DONOR FOR PALLADIUM CATALYZED DESTRUCTION OF NITROAROMATIC COMPOUNDS

[DOWNLOAD](#)

Biblioscholar Nov 2012, 2012. Taschenbuch. Book Condition: Neu. 246x189x11 mm. This item is printed on demand - Print on Demand Neuware - The Department of Defense is responsible for over 2,000 hazardous waste sites containing nitroaromatic compounds (NACs) such as 2,4,6-TNT, 2,4- and 2,6-DNT that resulted from the production and use of munitions throughout the nation and world. NACs are typically persistent in natural environments, though they can be oxidized or reduced under engineered conditions. NACs and their reduction products are toxic chemicals and suspected human carcinogens. Both TNT and 2,4-DNT are listed as priority pollutants by the U.S. EPA. This study investigates the effectiveness of using a palladium (Pd) catalyst in concert with formic acid as an electron donor to reduce NACs. If the reduction reaction is rapid and complete, without producing hazardous daughter products, the process may have application as an in situ treatment technology to remediate NAC-contaminated groundwater. In this study, formic acid was added into NAC-contaminated water flowing through a laboratory column filled with Pd catalyst. Experimental results using 2,4-DNT as a model NAC indicate reduction rates are dependent on pH, formic acid concentrations, and NAC concentrations. 188 pp. Englisch.



[Read An Evaluation of Formic Acid as an Electron Donor For Palladium Catalyzed Destruction of Nitroaromatic Compounds Online](#)



[Download PDF An Evaluation of Formic Acid as an Electron Donor For Palladium Catalyzed Destruction of Nitroaromatic Compounds](#)

Other eBooks



What Do You Expect? She's a Teenager!: A Hope and Happiness Guide for Moms with Daughters Ages 11-19

Sourcebooks, Inc, United States, 2011. Paperback. Book Condition: New. 208 x 140 mm. Language: English . Brand New Book. If your little girl has suddenly turned into one big eye roll, then Arden Greenspan-Goldberg's...

[Save ePub »](#)



Read Write Inc. Phonics: Purple Set 2 Non-Fiction 4 What is it?

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. 215 x 108 mm. Language: N/A. Brand New Book. These decodable non-fiction books provide structured practice for children learning to read. Each set of books...

[Save ePub »](#)



TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

[Save ePub »](#)



Read Write Inc. Phonics: Blue Set 6 Storybook 2 the Poor Goose

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. Tim Archbold (illustrator). 148 x 121 mm. Language: N/A. Brand New Book. These engaging Storybooks provide structured practice for children learning to read the Read...

[Save ePub »](#)



Read Write Inc. Phonics: Orange Set 4 Storybook 2 I Think I Want to be a Bee

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. Tim Archbold (illustrator). 209 x 149 mm. Language: N/A. Brand New Book. These engaging Storybooks provide structured practice for children learning to read the Read...

[Save ePub »](#)

**Big Machines - Read it Yourself with Ladybird: Level 2**

Penguin Books Ltd. Paperback. Book Condition: new. BRAND NEW, Big Machines - Read it Yourself with Ladybird: Level 2, Big Machines Trucks lift things and move them about all day long. Find out all about

[Save PDF »](#)

**The Three Little Pigs - Read it Yourself with Ladybird: Level 2**

Penguin Books Ltd, United Kingdom, 2013. Paperback. Book Condition: New. 222 x 150 mm. Language: English . Brand New Book. In this classic fairy tale, the three little pigs leave home and build their own

[Save PDF »](#)

**Peppa Pig: Sports Day - Read it Yourself with Ladybird: Level 2**

Penguin Books Ltd. Paperback. Book Condition: new. BRAND NEW, Peppa Pig: Sports Day - Read it Yourself with Ladybird: Level 2, Peppa Pig is having fun with her friends at Sports Day, but she is

[Save PDF »](#)

**Peppa Pig: Nature Trail - Read it Yourself with Ladybird: Level 2**

Penguin Books Ltd. Paperback. Book Condition: new. BRAND NEW, Peppa Pig: Nature Trail - Read it Yourself with Ladybird: Level 2, Peppa Pig and her family are enjoying a nature walk when they get lost.

[Save PDF »](#)

**The Rapture (Strange Trilogy 2)**

John Murray, 2011. Paperback. Book Condition: New. A new, unread, unused book in perfect condition with no missing or damaged pages. Shipped from UK. Orders will be dispatched within 48 hours of receiving your order.

[Save PDF »](#)