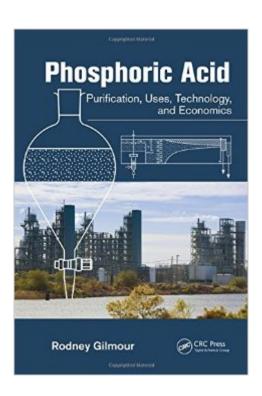
The book was found

Phosphoric Acid: Purification, Uses, Technology, And Economics





Synopsis

The rise and rationalization of the industrial phosphates industry have gone hand in hand with the development and maturation of technologies to purify phosphoric acid. In the 1960s and 70s, driven by the exponential sales growth of the detergent-builder sodium tripolyphosphate, chemical producers raced to develop processes that would provide a sufficiently pure phosphoric acid feedstock for manufacture to undercut thermal phosphoric acid made from phosphorus. As environmental and political pressure led to a collapse in demand for sodium tripolyphosphate in the 1990s, the commercial pressures to rationalize at plant and corporate levels rose such that only the fittest survived. Phosphoric Acid: Purification, Uses, Technology, and Economics, the first and only book of its kind to be written on this topic, covers the development of purification technologies for phosphoric acid, especially solvent extraction, describing the more successful processes and setting this period in the historical context of the last 350 years. Individual chapters are devoted to the key derivative products which are still undergoing active development, as well as to sustainability and how to approach the commissioning of these plants. The text is aimed at students of chemistry, chemical engineering, business, and industrial history, and to new entrants to the industry.

Book Information

Hardcover: 354 pages

Publisher: CRC Press; 1 edition (December 12, 2013)

Language: English

ISBN-10: 1439895104

ISBN-13: 978-1439895108

Product Dimensions: 5.9 x 0.8 x 9 inches

Shipping Weight: 1.5 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars Â See all reviews (1 customer review)

Best Sellers Rank: #1,751,716 in Books (See Top 100 in Books) #654 in Books > Science &

Math > Chemistry > Industrial & Technical #1073 in Books > Textbooks > Engineering >

Chemical Engineering #2154 in Books > Engineering & Transportation > Engineering > Chemical

Customer Reviews

This book definitely fills a need in the industry for an up to date (references up to 2013) description of all of the various technological approaches to purifying phosphoric acid. Well written, it enters into just enough depth for both the well versed and the novice.

Download to continue reading...

Phosphoric Acid: Purification, Uses, Technology, and Economics Heartburn: Acid Reflux Cure: Get Heartburn, Acid Reflux Cured Naturally in 3 Week Step by Step Program (Heartburn, Heartburn No More, Heartburn Cured, ... Reflux Cure, Acid Reflux Help, Digestion) Natural Alternatives to Nexium. Maalox, Tagamet, Prilosec & Other Acid Blockers: What to Use to Relieve Acid Reflux, Heartburn, and Gastric Ailments Heartburn - Fast Tract Digestion: LPR, Acid Reflux & GERD Diet Cure Without Drugs | Surprising Truth about the Cause of Acid Reflux Explained (Clinically Proven Solution) Coconut Oil and Apple Cider Vinegar: 28 Mind Blowing Uses for Coconut Oil and Apple Cider Vinegar (The Apple Cider Vinegar and Coconut Oil Bible - Amazing Benefits, Many Uses, and Natural Cures) Wetland Economics, 1989-1993: A Selected, Annotated Bibliography (Bibliographies and Indexes in Economics and Economic History) Stochastic Methods in Economics and Finance, Volume 17 (Advanced Textbooks in Economics) Analysis and Purification Methods in Combinatorial Chemistry (Chemical Analysis: A Series of Monographs on Analytical Chemistry and Its Applications) Guide of the Believer: Purification and Prayer in Islam Figh Us-Sunnah Purification and Prayer Photochemical Purification of Water and Air: Advanced Oxidation Processes (AOPs) -Principles, Reaction Mechanisms, Reactor Concepts Purification of the Soul The Gastritis & GERD Diet Cookbook: 101 Healing Cookbook Recipes for Effective Natural Remedy in the Treatment, Prevention and Cure of Gastritis and Acid Reflux Alpha Lipoic Acid Breakthrough: The Superb Antioxidant That May Slow Aging, Repair Liver Damage, and Reduce the Risk of Cancer, Heart Disease, and Diabetes Doctor's Guide to Gastrointestinal Health Preventing and Treating Acid Reflux, Ulcers, Irritable Bowel Syndrome, Diverticulitis, Celiac Disease, ... Pancreatitis, Cirrhosis, Hernias and more by Miskovitz M.D., Paul, Betancourt, Marian [Wiley, 2005] [Paperback] The Doctor's Guide to Gastrointestinal Health: Preventing and Treating Acid Reflux, Ulcers, Irritable Bowel Syndrome, Diverticulitis, Celiac Disease, Colon ... Pancreatitis, Cirrhosis, Hernias and more The Antioxidant Miracle: Put Lipoic Acid, Pycnogenol, and Vitamins E and C to Work for You A Delicious Avocado Cookbook for Health Nuts!: Only the Best Avocado Recipes to Achieve Vibrant Health and Omega Acid Superpowers (The Health Nut Cooking Collection 1) Why Stomach Acid Is Good for You: Natural Relief from Heartburn, Indigestion, Reflux and GERD Killing Me Softly From Inside: The Mysteries & Dangers Of Acid Reflux And Its Connection To America's Fastest Growing Cancer With A Diet That May Save Your Life

Dmca