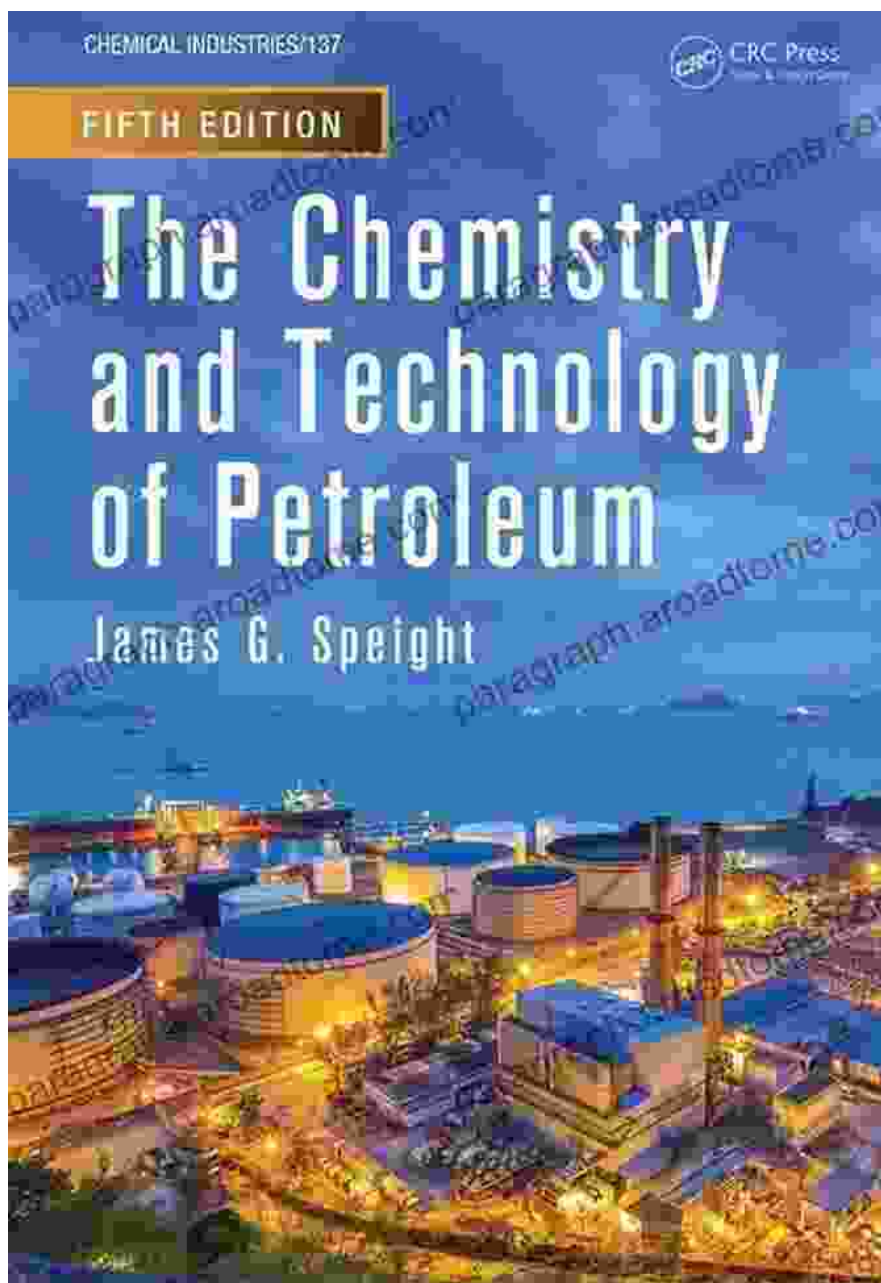


The Chemistry and Technology of Petroleum Chemical Industries: Unlocking the Power of Energy



The Chemistry and Technology of Petroleum (Chemical Industries Book 137) by Jimmy England

★★★★★ 5 out of 5



Language : English
File size : 177021 KB
Screen Reader : Supported
Print length : 953 pages
X-Ray for textbooks : Enabled



In today's energy-driven world, petroleum chemical industries play a pivotal role in shaping our lives. From the fuels that power our vehicles to the plastics used in countless products, the chemistry and technology behind these industries are essential for meeting the demands of modern society.

The book "The Chemistry and Technology of Petroleum Chemical Industries" offers a comprehensive exploration of this complex and fascinating field. Written by renowned experts in the industry, this 137th volume in the series provides an in-depth understanding of the fundamental principles, advanced technologies, and cutting-edge applications in the production and utilization of petroleum-based chemicals.

Exploring the Book's Chapters

Divided into 12 comprehensive chapters, the book covers a wide range of topics essential for a thorough understanding of petroleum chemical industries:

- **Chapter 1:** to Petroleum Chemistry
- **Chapter 2:** Refining of Petroleum
- **Chapter 3:** Steam Cracking of Hydrocarbons

- **Chapter 4:** Production of Olefins and Diolefins
- **Chapter 5:** Production of Aromatics
- **Chapter 6:** Production of Syngas
- **Chapter 7:** Production of Ammonia and Urea
- **Chapter 8:** Production of Methanol and Formaldehyde
- **Chapter 9:** Production of Polyolefins
- **Chapter 10:** Production of Styrenics
- **Chapter 11:** Production of Phenolics
- **Chapter 12:** Production of Other Petrochemicals

Key Features and Benefits

The book offers numerous advantages for readers seeking knowledge in petroleum chemical industries:

- **Comprehensive Coverage:** Explores the entire spectrum of petroleum chemical industries, from refining to the production of a wide range of chemicals.
- **Expert Insights:** Authored by leading industry professionals with decades of experience.
- **Up-to-Date Information:** Presents the latest advancements and innovations in the field.
- **Practical Applications:** Connects theoretical concepts to real-world industry applications.

- **Extensive References:** Provides a comprehensive list of references for further research.

Target Audience

The book is an invaluable resource for:

- Chemical engineers
- Petroleum engineers
- Researchers in petroleum chemistry
- Students in chemical engineering and related fields
- Professionals in the oil and gas industry
- Anyone interested in the chemistry and technology of petroleum chemical industries

The Chemistry and Technology of Petroleum Chemical Industries is a must-have reference for anyone seeking a comprehensive understanding of this dynamic and ever-evolving field. Its insightful chapters, practical applications, and extensive references make it an essential resource for students, professionals, and researchers alike.

Embark on a journey into the fascinating world of petroleum chemical industries and unlock the power of energy with this exceptional book!

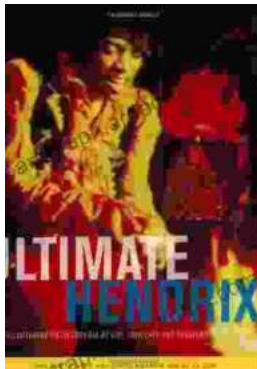
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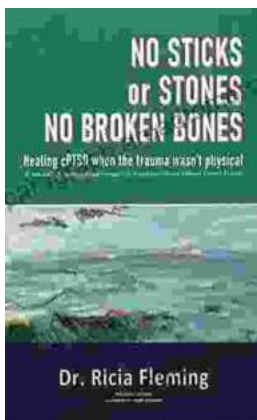


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