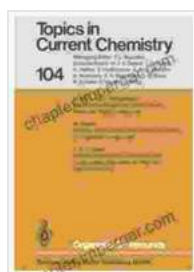


Organotin Compounds: A Comprehensive Guide for Professionals

By Michael Dine

Organotin compounds are a class of organometallic compounds that contain tin-carbon bonds. They are widely used in a variety of industrial and commercial applications, including as stabilizers for plastics, fungicides, and biocides. Organotin compounds are also found in nature, where they are produced by some microorganisms.

The chemistry of organotin compounds is complex and diverse. This book provides a comprehensive overview of the field, covering the fundamental principles of organotin chemistry, as well as the applications of organotin compounds in a wide range of fields.



Organotin Compounds by Michael Dine

★★★★★ 5 out of 5

Language : English
File size : 19521 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Print length : 280 pages



The book is divided into three parts:

1. Part 1: Fundamental Principles of Organotin Chemistry

2. Part 2: Applications of Organotin Compounds

3. Part 3: Environmental and Health Aspects of Organotin Compounds

Part 1 provides a detailed overview of the fundamental principles of organotin chemistry. This section covers the following topics:

- The history of organotin chemistry
- The electronic structure of organotin compounds
- The bonding in organotin compounds
- The reactivity of organotin compounds
- The synthesis of organotin compounds

Part 2 provides a comprehensive overview of the applications of organotin compounds. This section covers the following topics:

- Organotin compounds as stabilizers for plastics
- Organotin compounds as fungicides
- Organotin compounds as biocides
- Organotin compounds in other applications

Part 3 provides a detailed overview of the environmental and health aspects of organotin compounds. This section covers the following topics:

- The environmental fate of organotin compounds
- The toxicity of organotin compounds
- The regulations governing the use of organotin compounds

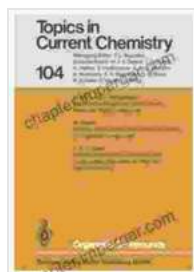
Organotin Compounds: A Comprehensive Guide for Professionals is a valuable resource for anyone working in the field of organotin chemistry. This book provides a comprehensive overview of the field, covering the fundamental principles of organotin chemistry, as well as the applications of organotin compounds in a wide range of fields.

Table of Contents

1. Part 1: Fundamental Principles of Organotin Chemistry
 1. Chapter 1: The History of Organotin Chemistry
 2. Chapter 2: The Electronic Structure of Organotin Compounds
 3. Chapter 3: The Bonding in Organotin Compounds
 4. Chapter 4: The Reactivity of Organotin Compounds
 5. Chapter 5: The Synthesis of Organotin Compounds
2. Part 2: Applications of Organotin Compounds
 1. Chapter 6: Organotin Compounds as Stabilizers for Plastics
 2. Chapter 7: Organotin Compounds as Fungicides
 3. Chapter 8: Organotin Compounds as Biocides
 4. Chapter 9: Organotin Compounds in Other Applications
3. Part 3: Environmental and Health Aspects of Organotin Compounds
 1. Chapter 10: The Environmental Fate of Organotin Compounds
 2. Chapter 11: The Toxicity of Organotin Compounds

3. Chapter 12: The Regulations Governing the Use of Organotin Compounds

Index



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