



Industrial Organic Chemicals (Hardback)

By Harold A. Wittcoff, Bryan G. Reuben, Jeffrey S. Plotkin

John Wiley and Sons Ltd, United States, 2013. Hardback. Condition: New. 3rd Edition. Language: English . Brand New Book. An essential introduction to the organic chemicals industry in the context of globalization, advances in technology, and environmental concerns Providing 95 percent of the 500 billion pounds of organic chemicals produced in the world, the petroleum and natural gas industries are responsible for products that ensure our present quality of life. Products as diverse as gasoline, plastics, detergents, fibers, pesticides, tires, lipstick, shampoo, and sunscreens are based on seven raw materials derived from petroleum and natural gas. In an updated and expanded Third Edition, Industrial Organic Chemicals examines why each of these chemical building blocks ethylene, propylene, C4 olefins (butenes and butadiene), benzene toluene, the xylenes, and methane is preferred over another in the context of an environmental issue or manufacturing process, as well as their individual chemistry, derivatives, method of manufacture, uses, and economic significance. The new edition details the seismic shifts in the world s chemistry industry away from the United States, Western Europe and Japan, transforming the Middle East and Asia-Pacific region, especially China, into major players. The book also details: The impact of globalization on the patterns...



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