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Titolo	Handbook of MTBE and other gasoline oxygenates / / edited by Halim Hamid, Mohammad Ashraf Ali
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Preface; Contents; Contributors; Introduction; Properties of MTBE and Other Oxygenates; Blending Properties of MTBE and Other Oxygenates in Gasoline; Zeolites as Catalysts for Ether Synthesis; Fluorinated Zeolite-Based Catalysts; Heteropolyacids as Catalysts for MTBE Synthesis; Ethanol-Based Oxygenates from Biomass; Catalytic Distillation Technology Applied to Ether Production; Commercial Production of Ethers; Kinetics of tertiary-Alkyl Ether Synthesis; Thermodynamics of Ether Production; Air Control Technologies for MTBE: Bioremediation Aspects of MTBE MTBE Removal by Air Stripping and Advanced Oxidation ProcessesAdsorption Process for the Removal of MTBE from Drinking Water; Impact of MTBE Phaseout on the Petroleum and Petrochemical Industries; Index
Sommario/riassunto	This handbook presents the outlook for future production and

consumption of MTBE and other oxygenates worldwide and studies new catalytic systems and modern methods for the synthesis and commercial production of methyl tertiary-butyl ether (MTBE) and related ethers. The scope of this sophisticated guide extends from process chemistry fundamentals and reaction kinetics to environmental remediation technologies and industry responses to conflicting calls for MTBE phase-out and higher-octane products. Well-illustrated with over 200 figures and tables, this authoritative Handbook details bioremedi
