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Titolo	Biotreatment of industrial effluents [e-book] / Mukesh Doble and Anil Kumar
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Nota di contenuto	Intro; Biochemical Treatment of Waste from Dye Stuff Industries; Biochemical Treatment of Waste from Food and Dairy Industries; Biochemical Treatment of Waste from Leather Industries; Biochemical Treatment of Waste from Paint Industries; Biochemical Treatment of Waste from Paper/ Pulp Industries; Biodegradation of Waste from Alcohol Distilleries/Sugar; Biochemical Treatment of Waste from Organic Chemical Industries; Degradation of Polymer Waste; Biochemical Treatment of Waste from Metal Processing/ Electro-chemical Industries; Biochemical Treatment of Waste from Explosive Industries; Biochemical Treatment of Waste from Semiconductor Industries; Biochemical Treatment/Degradation of Pesticides; Biochemical Treatment of Municipal Waste; Biochemical Treatment/Degradation of Cyanide; Biochemical Treatment/Degradation of Petroleum/Petrochemical Waste; Biochemical Treatment/Degradation of Waste from Nuclear Plants; Biochemical Treatment of Hospital Waste; Treatment of Industrial Gaseous Pollutants and Vocs; Biochemical Treatment of Solid Waste; Ground Water Decontamination and Treatment; Treatment/ Detoxification of Chlorinated Hydrocarbons and Aromatics and DIOXINS; Fluoride

	Removal Using Biochemical Approaches; Biodesulphurisation of Crude Petroleum; Dentrification; Comparison of Aerobic and Anaerobic Processes and Reactors; Environmental Disasters; Textile; Pharma; Modeling if Waste Treatment Systems
Sommario/riassunto	With increasing government regulation of pollution, as well as willingness to levy punitive fines for transgressions, treatment of industrial waste is a important subject. This book is a single source of information on treatment procedures using biochemical means for all types of solid, liquid and gaseous contaminants generated by various chemical and allied industries. This book is intended for practicing environmental engineers and technologists from any industry as well as researchers and professors. The topics covered include the treatment of gaseous, liquid and solid waste from a large number of chemical and allied industries that include dye stuff, chemical, alcohol, food processing, pesticide, pharmaceuticals, paint etc. Information on aerobic and anaerobic reactors and modeling and simulation of waste treatment systems are also discussed. * Compares chemical and biochemical means of industrial waste treatment * Provides details of technology (i.e. reactors, operating conditions etc) with regard to the biochemistry aspects. * Can be used as a teaching aid for graduate courses and a reference material by practicing environmental scientists and engineers. * Researchers can extract synergy between treatment procedures and various effluents