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Nota di contenuto	DESTRUCTION OF HAZARDOUS CHEMICALS IN THE LABORATORY; CONTENTS; PREFACE; ACKNOWLEDGMENTS; INTRODUCTION; About This Book; Properties of a Destruction Technique; Contents of a Monograph; Mutagenicity Assays; Analytical Procedures; Spills; Applicability of Procedures; Safety Considerations; References; SPECIFIC METHODS FOR THE DESTRUCTION OF HAZARDOUS CHEMICALS IN THE LABORATORY; Acetonitrile; Principles of Destruction and Decontamination; Destruction Procedure; Analytical Procedures; Related Compounds; Alternatives; References; Acid Halides and Anhydrides; Principle of Destruction Destruction ProceduresAnalytical Procedures21; Related Compounds; References; Aflatoxins; Principles of Destruction; Destruction Procedures; Analytical Procedures; Mutagenicity Assays; Related Compounds; Assay of Sodium Hypochlorite Solution; References; Alkali and Alkaline Earth Metals; Principles of Destruction; Destruction Procedures; References; Alkali Metal Alkoxides; Principle of Destruction; Destruction Procedure; References; Anatoxin-A; Principles of Destruction; Destruction Procedures; Analytical Procedures; Related Compounds; References; Aromatic Amines; Principles of Destruction Destruction ProceduresAnalytical Procedures; Mutagenicity Assays20, 32; Related Compounds; References; Arsenic; Principles of

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Principles of Destruction and Decontamination Destruction and Decontamination Procedures¹⁰; Analytical Procedures; Related Compounds; References; Botulinum Toxins; Principles of Destruction; Destruction Procedures; Detection Procedures; References; Brevetoxins; Principles of Destruction; Destruction Procedures; Analytical Procedures; Assay of Sodium Hypochlorite Solution; Related Compounds; References; Butyllithium; Principle of Destruction; Destruction Procedures; Analytical Procedures for Alkylolithium Reagents; Related Compounds; References; Calcium Carbide; Destruction Procedures
References Carbamic Acid Esters; Principles of Destruction; Destruction Procedures; Analytical Procedures; Mutagenicity Assays; Related Compounds; References; Carbofuran; Principles of Destruction and Decontamination; Destruction Procedure; Analytical Procedures; Related Compounds; References; Chloromethylsilanes and Silicon Tetrachloride; Destruction Procedure^{6, 7}; References; N-Chlorosuccinimide and Chloramine-T; Destruction Procedure⁸; Related Compounds; References; Chlorosulfonic Acid; Destruction Procedure⁴; Related Compounds; References; Chromium(VI); Principles of Destruction
Destruction Procedures

Sommario/riassunto

"The book describes practical procedures for the destruction of hazardous chemicals and biological agents in the laboratory in which they are used. The book is a continuation and expansion of "Destruction of Hazardous Chemicals in the Laboratory." It follows the same general approach as the first and second editions but includes a number of new chapters including one on using advanced oxidation techniques as a general means of degrading chemicals. All the monographs from the second edition are incorporated in this volume and are revised and extended as necessary. A number of new monographs describing procedures for the destruction of hazardous chemicals have also been added. The destruction of many pharmaceuticals is also described in this book. This subject has become of increasing importance with recent reports of the detection of pharmaceuticals in the water supply. Finally a new addition is the chapter "General Methods for the Destruction of Hazardous Chemicals in the Laboratory." This chapter describes recent advanced oxidation methods that should be generally applicable to all organic compounds. The methods use commonly available laboratory equipment and reagents"--
