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Nota di contenuto	Cover -- Title Page -- Copyright -- Contents -- PREFACE -- INTRODUCTION -- About This Book -- Properties of a Destruction Technique -- Contents of a Detailed Monograph -- Summary Tables -- Mutagenicity Assays -- Analytical Procedures -- Spills -- Applicability of Procedures -- References -- SAFETY CONSIDERATIONS -- Nitrosamine Formation -- Sodium Hypochlorite -- Nickel-Aluminum Alloy -- Potassium Permanganate -- 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 Procedures -- Destruction Procedure for Highly Reactive Compounds (e.g., Acetyl Chloride, Propionyl Chloride, Dimethylcarbamoyl Chloride, Benzoyl Chloride, Thionyl Chloride, Sulfuryl Chloride, Methanesulfonyl Chloride, and Acetic Anhydride) -- Destruction Procedure for Compounds of Lesser Reactivity (e.g., Benzenesulfonyl Chloride and p-Toluenesulfonyl Chloride) -- Destruction Procedure for Compounds of Unknown Reactivity -- Analytical Procedures -- Related Compounds -- References -- Aflatoxins -- Aflatoxin B1 -- Principles of Destruction -- Destruction Procedures -- Destruction of Stock Quantities -- Destruction of Aflatoxins in Aqueous Solution -- Destruction of

Aflatoxins in Volatile Organic Solvents -- Destruction of Aflatoxins in Oil -- Decontamination of Equipment and Thin-Layer Chromatography Plates -- Treatment of Spills -- Destruction of Aflatoxins in Animal Litter -- Destruction of Aflatoxins in Animal Carcasses -- Destruction of Aflatoxins in Aqueous Solution Using Ozone -- Analytical Procedures -- Mutagenicity Assays -- Related Compounds -- Assay of Sodium Hypochlorite Solution -- References.
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-- References -- Carbofuran -- Principles of Destruction and Decontamination -- Destruction Procedures -- Analytical Procedures -- Related Compounds -- References -- Chloromethylsilanes and Silicon Tetrachloride -- Destruction Procedure -- References -- N-Chlorosuccinimide and Chloramine-T -- Destruction Procedure -- Related Compounds -- References -- Chlorosulfonic Acid -- Destruction Procedure -- Related Compounds -- References -- Chromium(VI) -- Principles of Destruction -- Destruction Procedures. Disposal of Bulk Quantities of Chromium(VI)-Containing Compounds (Sodium Dichromate, Potassium Dichromate, Ammonium Dichromate, Chromium Trioxide, and Chromerge Concentrate) -- Disposal of Solutions Containing Chromium(VI) (e.g., New or Used Chromic Acid or Chromerge Solutions) -- Analytical Procedures -- Mutagenicity Assays -- Related Compounds and Related Procedures -- References -- Citrinin -- Principle of Destruction -- Destruction Procedures -- Destruction of Bulk Quantities of Citrinin -- Destruction of Citrinin in Aqueous Solution -- Destruction of Citrinin in Volatile Organic Solvents -- Destruction of Citrinin in Dimethyl Sulfoxide or N,N-Dimethylformamide -- Decontamination of Glassware -- Decontamination of Protective Clothing -- Decontamination of Spills -- Decontamination of Thin-Layer Chromatography Plates -- Analytical Procedures -- Mutagenicity Assays -- Related Compounds -- Assay of Sodium Hypochlorite Solution -- References -- Complex Metal Hydrides -- Principles of Destruction -- Destruction Procedures -- Lithium Aluminum Hydride -- Sodium Borohydride -- Borane·THF Complex -- Sodium Hydride and Potassium Hydride -- Lithium Hydride -- Calcium Hydride -- Sodium Cyanoborohydride -- Assay of Sodium Hypochlorite Solution -- Analytical Procedures -- Related Compounds -- References -- Cyanides and Cyanogen Bromide -- Principles of Destruction -- Destruction Procedures -- Destruction of Bulk Quantities -- Destruction of Sodium Cyanide or Cyanogen Bromide in Solution -- Destruction of Cyanogen Bromide in 70% Formic Acid -- Destruction of Hydrogen Cyanide -- Decontamination of Hydrogen Cyanide From Exhaust Gases -- Destruction of Cyanide in Solution with Hydrogen Peroxide -- Destruction of Cyanide in Solution Using Photocatalytic Procedures -- Assay of Sodium Hypochlorite Solution -- Analytical Procedures -- Mutagenicity Assays.
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