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22. Assessment and Management of Environmental Exposure to Colorants23. Fate of Pesticides in the Environment and the Quality of Drinking Water in Relation to Human Health; 24. Chlororganic Pesticides and Atrazine in the Environment of Lithuania: Retrospective Analysis and Management Evaluation; 25. Management of Halide Mined Water Discharges; Section 6: Safety; 26. Safety in the Use of Chemicals at the Workplace; 27. Poisoning and Safety; 28. Some Information Regarding Chemical Safety Both in Occupational and Environmental Medicine in China; 29. Environmental Chemical Safety
30. Approaches to Identifying and Adverse Health Effects of Chemicals in UseSection 7: Legal Aspects; 31. Liability for Dangerous Industrial Activities and Damage to the Environment: Where Do We Stand After the Council of Europe Convention and the Commission Green Paper?; 32. Safety and Environmental Stewardship in the Single Market; 33. Chemical Regulation in Europe and the United States: International Implications; 34. Worldwide Regulatory Controls to Ensure Safety of Chemicals; 35. Epilogue; Annex 1 Dictionary of Substances and their Effects (DOSE)

Annex 2 OECD Guidelines for Testing of Chemicals

Sommario/riassunto

How safe is safe enough? We live in a world that is totally dependent on chemicals, be they agrochemicals, pharmaceuticals, colorants - it is vitally important that we adopt a sustainable strategy for an environment containing some 11 million chemicals. This book provides a pragmatic guide to the basic tools of chemical safety assessment, from information retrieval, through hazard and risk assessment to safety evaluation and legal aspects. It is truly global in coverage with contributors drawn from East and West, North and South. It covers natural and artificial hazards to the environment