

1. Record Nr.	UNINA9910143991403321
Titolo	Chemical safety [[electronic resource]] : international reference manual // edited by Mervyn Richardson
Pubbl/distr/stampa	Weinheim ; ; New York, : VCH, c1994
ISBN	1-281-75884-1 9786611758844 3-527-61603-9 3-527-61602-0
Descrizione fisica	1 online resource (638 p.)
Altri autori (Persone)	RichardsonMervyn
Disciplina	363.19 363.738
Soggetti	Pollution - Environmental aspects Pollution - Risk assessment Chemicals - Safety measures Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Chemical Safety; Table of Contents; List of Contributors; Section 1: Introductory Chapters; 1. Global Chemical Pollution - The UNEP View; 2. Principles of Risk Assessment and Risk Management of Chemicals; Section 2: Chemical Safety Information; 3. Information Retrieval, Validation and Interpretation; 4. UNIDO/INTIB: An Energy and Environment Information System for Developing Countries; 5. International and National Governmental Information Activities Concerning the Environmental Effects of Chemicals; 6. Accessing Health and Safety Information; Section 3: Chemical Hazard Assessment 7. Environmental Hazard Assessment of Chemicals8. Adverse Health Effects of Environmental Chemicals: Indian Scenario; 9. Parental Occupation and Childhood Cancer; 10. Comparative Genetic Toxicity of Some Pesticides; 11. Intake of Organochlorine Compounds and Levels in Population Groups; 12. Heavy Metal Dietary Intake: A European Comparison; 13. COMPACT and ENACT Procedures in Predicting the Formation of Reactive Intermediates by Cytochrome P450 Metabolism;

Section 4: Monitoring; 14. Environmental Monitoring: Use of Luminescent Bacteria; 15. Cytogenetic Monitoring in Hungary
 Section 5: Risk Assessment and Management 16. Identification of Carcinogenic Risks - Qualitative Aspects; 17. New Approaches for the Evaluation of Carcinogenic Risk of Chemicals; 18. Risk Assessment of Chemicals, Contrast and Comparison - International Perspectives; 19. Assessment of Pesticide Action on Human Health and the Environment in the Ukraine; 20. Some Organochlorine Pollutants in the Water Environment and their Influence on Drinking Water Quality; 21. Regional Contamination of Soil and Biota with Heavy Metals Following an Explosion of an Ammunition Stockpile near Ostarije, Croatia
 22. Assessment and Management of Environmental Exposure to Colorants 23. 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 Use Section 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 environm