

1. Record Nr.	UNINA9910778611203321
Titolo	Evaluating chemical and other agent exposures for reproductive and developmental toxicity [[electronic resource] /] / Subcommittee on Reproductive and Developmental Toxicology, Committee on Toxicology, Board on Environmental Studies and Toxicology, Commission on Life Sciences, National Research Council
Pubbl/distr/stampa	Washington, D.C., : National Academy Press, c2001
ISBN	0-309-17139-3 1-280-18509-0 9786610185092 0-309-56761-0
Descrizione fisica	1 online resource (262 p.)
Collana	Compass series
Disciplina	616.6/5071
Soggetti	Reproductive toxicology Developmental toxicology Toxicity testing
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 (p. 92-114).
Nota di contenuto	""EVALUATING CHEMICAL AND OTHER AGENT EXPOSURES FOR REPRODUCTIVE AND DEVELOPMENTAL TOXICITY""; ""Copyright""; ""Preface""; ""Contents""; ""Abbreviations""; ""EVALUATING CHEMICAL AND OTHER AGENT EXPOSURES FOR REPRODUCTIVE AND DEVELOPMENTAL TOXICITY""; ""Summary""; ""CONCLUSIONS AND RECOMMENDATIONS""; ""Evaluative Process""; ""Assessing the Available Data""; ""Integration of Toxicity and Exposure Information""; ""Insufficient Data Sets""; ""Application of the Evaluative Process""; ""Sources of Information""; ""Research Recommendations""; ""1 Introduction ""; ""SUBCOMMITTEE'S TASK"" ""ORGANIZATION OF THE REPORT""""2 The Evaluative Process: Part I. Assessing the Available Data ""; ""PRINCIPLES AND OBJECTIVES""; ""Use of Data and Judgment""; ""Weight of Evidence""; ""Threshold Assumption""; ""Narrative Statement""; ""Certainty""; ""Use All Relevant, Acceptable Data""; ""Qualities and Limitations of Reproductive and

Developmental Toxicity Studies"; "Characterizing Data"; "Expert Review Team"; "GENERAL DESCRIPTION"; "DETAILS OF THE EVALUATIVE PROCESS"; "Exposure Data"; "General Toxicological and Biological Parameters"; "Chemistry"; "Basic Toxicity"; "Acute Studies"; "Repeated-Dose Studies"; "Genetic Toxicity"; "Pharmacokinetics"; "Reproductive and Developmental Toxicity"; "Human Data"; "Weighing the Evidence"; "Case Reports and Clinical Series"; "Assessing Causality in Human Studies"; "Experimental Animal Toxicity"; "Utility and Limitations"; "Adverse Effect"; "3 The Evaluative Process: Part II. Integration of Toxicity and Exposure Information "; "INTERPRETATION OF TOXICITY DATA"; "Default Assumptions To Be Considered in Assessing Reproductive and Developmental Toxicity Risk"; "Absorption"; "Cross-Species Extrapolation"; "Exposure Duration"; "Windows of Vulnerability"; "Additivity"; "QUANTITATIVE EVALUATION"; "Identification of the NOAEL and LOAEL"; "Calculation of the Benchmark Dose"; "Duration Adjustment"; "Uncertainty Factors"; "Calculation of the Unlikely Effect Level"; "Calculation of the Margin of Exposure (MOE)"; "Assessing a Degree of Concern"; "Application of Reproductive and Developmental Toxicity Data to Various Exposure Scenarios"; "Critical Data Needs"; "SUMMARY"; "4 Incomplete or Insufficient Data Sets "; "PRINCIPLES TO MINIMIZE RISK"; "PRACTICAL APPLICATION"; "REDUCING UNCERTAINTY"; "5 Recommendations "; "GENERAL RECOMMENDATIONS"; "RESEARCH RECOMMENDATIONS"; "References"; "Appendixes"; "Appendix A Application of the Recommended Evaluative Process to Specific Chemicals "; "JP-8 JET FUEL"; "Exposure Data"; "General Toxicological and Biological Parameters"; "Lethality"; "Acute Studies"; "Human Studies"; "Experimental Animal Studies"; "Repeated-Dose Studies"; "Human Studies"; "Experimental Animal Studies"; "Cancer"; "Genetic Toxicity"; "Disposition and Pharmacokinetics"
