1. Record Nr. UNINA9910806258503321 Toxicity of alternatives to chlorofluorocarbons: HFC-134a and HCFC-**Titolo** 123 / / Subcommittee to Review Toxicity of Alternatives to Chlorofluorocarbons Washington, D.C., : National Academy Press, : Available from [the] Pubbl/distr/stampa Committee on Human Rights, 1996 [1st ed.] Edizione Descrizione fisica 1 online resource (130 p.) Disciplina 547.01046 Soggetti Air - Pollution Chlorofluorocarbons - Environmental aspects Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di contenuto ""Toxicity of Alternatives to Chlorofluorocarbons: HFC-134a and HCFC-123""; ""Copyright""; ""Preface""; ""Contents""; ""Executive Summary""; ""ASSESSMENT OF MODEL FOR CARDIAC SENSITIZATION"": ""EXPOSURE GUIDANCE LEVELS FOR HFC-134A""; ""EXPOSURE GUIDANCE LEVEL FOR HCFC-123""; ""1 Introduction ""; ""STATEMENT OF TASK""; ""DEFINITIONS""; ""Emergency Exposure Guidance Level""; ""Continuous Exposure Guidance Level""; ""STRUCTURE OF THE REPORT""; ""2 Evaluation of the Dog Cardiac Sensitization Test ""; ""INTRODUCTION""; ""MECHANISM OF ACTION FOR CHEMICALLY INDUCED ARRHYTHMIAS"" ""PROTOCOL FOR A CARDIAC SENSITIZATION SCREENING STUDY""" CARDIAC SENSITIZATION EXPERIMENTS INVOLVING SELECTED HALOCARBONS""; ""CONCLUSION""; ""REFERENCES""; ""3 Exposure Guidance Levels for Hydrofluorocarbon-134a ""; ""INTRODUCTION""; ""BACKGROUND INFORMATION""; ""Physical and Chemical Properties""; ""Occurrence and Use""; ""TOXICOKINETICS""; ""TOXICITY INFORMATION""; ""Acute Toxicity""; ""Cardiac Sensitization""; ""Subacute Toxicity""; ""Subchronic Toxicity""; ""Developmental Toxicity" ""Reproductive Toxicity""; ""Genotoxicity""; ""Carcinogenicity""; ""SUMMARY"" ""RECOMMENDATIONS FOR EXPOSURE GUIDANCE LEVELS""""

REFERENCES""; ""4 Exposure Guidance Levels for

Hydrochlorofluorocarbon-123 ""; ""INTRODUCTION""; ""RECOMMENDATIONS FOR EXPOSURE GUIDANCE LEVELS""; ""REFERENCES""; ""Appendix A""; ""SUPPORTING DOCUMENTATION FOR THE EXPOSURE GUIDANCE LEVELS FOR HYDROCHLOROFLUOROCARBON-123""; ""BACKGROUND INFORMATION""; ""Physical and Chemical Properties""; ""Occurrence and Use""; ""TOXICOKINETICS""; ""TOXICITY INFORMATION""; ""Effects in Humans""; ""Effects in Animals""; ""Single-Exposure Studies""; ""Repeat-Exposure Studies""; ""EXPOSURE ASSESSMENT"" ""RECOMMENDATIONS FOR EXPOSURE GUIDANCE LEVEL""" REFERENCES""; ""ATTACHMENT 1 MATERIAL SAFETY DATA SHEET""; ""ATTACHMENT 2 HALOTHANE""; ""BACKGROUND INFORMATION""; ""Physical and Chemical Properties""; ""Occurrence and Use""; ""ACUTE TOXICITY INFORMATION""; ""Acute Toxicity and CNS Depression""; ""Cardiac Sensitization""; ""Effects in Humans""; ""Malignant Hyperthermia""; ""Hepatotoxicity""; ""DISCUSSION""; ""HCFC-123 AND Halothane Comparison""; ""Acute Toxicity and CNS Depression""; ""Cardiac Sensitization""; ""Malignant Hyperthermia""; ""Hepatotoxicity""; ""REFERENCES"" ""ATTACHMENT 3 SUMMARY OF TOXICITY STUDIES OF HCFC-123"""I. ANIMAL STUDIES: SINGLE EXPOSURE"": ""II. ANIMAL STUDIES: REPEAT EXPOSURE""; ""III. REFERENCES""; ""ATTACHMENT 4 SUMMARY OF ACUTE PHARMACOKINETIC STUDY OF HCFC-123 IN DOGS BY INHALATION""; ""OBJECTIVE""; ""MATERIALS AND METHODS""; ""Exposure System""; ""Blood and Tissue Sampling""; ""Analysis of Blood and Tissue Samples""; ""RESULTS""; ""DISCUSSION""