

1. Record Nr.	UNINA9910456124803321
Titolo	Spacecraft maximum allowable concentrations for selected airborne contaminants . Volume 4 / [[electronic resource] /] / Subcommittee on Spacecraft Maximum Allowable Concentrations, 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, c2000
ISBN	1-280-18564-3 9786610185641 0-309-59385-9 0-585-24381-6
Descrizione fisica	1 online resource (386 p.)
Disciplina	629.47/7
Soggetti	Space cabin atmospheres Space vehicles - Contamination Space vehicles - Environmental aspects 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.
Nota di contenuto	""Spacecraft Maximum Allowable Concentrations for Selected Airborne Contaminants""; ""Copyright""; ""Preface""; ""Contents""; ""SPACECRAFT MAXIMUM ALLOWABLE CONCENTRATIONS FOR SELECTED AIRBORNE CONTAMINANTS: INTRODUCTION""; ""SUMMARY OF REPORT ON GUIDELINES FOR DEVELOPING SMACS""; ""REVIEW OF SMAC REPORTS""; ""REFERENCES""; ""Appendix A Guidelines for Developing Spacecraft Maximum Allowable Concentrations for Space Station Contaminants: Executive...""; ""GUIDELINES FOR DEVELOPING SPACECRAFT MAXIMUM ALLOWABLE CONCENTRATIONS FOR SPACE STATION CONTAMINANTS ..."" ""ENVIRONMENTAL CONTROL AND LIFE-SUPPORT SYSTEM""; MODIFICATION OF CONTAMINANT TOXICITY BY ENVIRONMENTAL FACTORS""; ""SOURCES AND TYPES OF DATA FOR ESTABLISHMENT OF SMACS""; ""Chemical-Physical Characteristics of Toxicants""; ""In Vitro

Toxicity Studies"'; "'Animal Toxicity Studies"'; "'Clinical and Epidemiological Observations"'; "'Pharmacokinetics and Metabolism"'; "'Biological Markers"'; "'RISK ASSESSMENT (DEVELOPMENT OF EXPOSURE CRITERIA)"'; "'ISSUES IN MAKING RECOMMENDATIONS FOR THE ESTABLISHMENT OF SMACS'"
"'Appendix B Reports on Spacecraft Maximum Allowable Concentrations for Selected Airborne Contaminants'"'"B1 ACETONE"'; "'PHYSICAL AND CHEMICAL PROPERTIES"'; "'OCCURRENCE AND USE"'; "'TOXICOKINETICS AND METABOLISM"'; "'Absorption"'; "'Distribution"'; "'Excretion"'; "'Metabolism"'; "'TOXICITY SUMMARY"'; "'Acute and Short-Term Exposures"'; "'General"'; "'Irritation"'; "'Immunological and Hematological Effects"'; "'CNS Toxicity"'; "'Ataxia and Narcosis"'; "'Pulmonary Function and Cardiotoxicity"'; "'Subchronic and Chronic Exposures"'; "'Carcinogenicity"'; "'Genotoxicity'"
"'Reproductive Effects in Humans'"'"Reproductive and Developmental Toxicity in Animals"'; "'Interaction with Other Chemicals"'; "'RATIONALE FOR ACCEPTABLE CONCENTRATIONS"'; "'Irritation"'; "'Explosion"'; "'CNS Effects"'; "'Reproductive Effects"'; "'Spaceflight Considerations"'; "'RECOMMENDATIONS"'; "'REFERENCES"'; "'B2 C3 TO C8 ALIPHATIC SATURATED ALDEHYDES"'; "'PHYSICAL AND CHEMICAL PROPERTIES"'; "'OCCURRENCE AND USE"'; "'TOXICOKINETICS AND METABOLISM"'; "'Absorption"'; "'Distribution"'; "'Excretion"'; "'Metabolism"'; "'TOXICITY SUMMARY"'; "'Acute and Short-Term Exposures'"'"Subchronic and Chronic Exposures'"'"Carcinogenicity"'; "'Genotoxicity"'; "'Developmental Toxicity"'; "'Reproductive Toxicity"'; "'Interactions with Other Chemicals"'; "'RATIONALE FOR ACCEPTABLE CONCENTRATIONS"'; "'Mucosal Irritation"'; "'Nasal-Cavity Injury"'; "'Potential Liver Injury"'; "'RECOMMENDATIONS"'; "'REFERENCES"'; "'B3 HYDROGEN CHLORIDE"'; "'PHYSICAL AND CHEMICAL PROPERTIES"'; "'OCCURRENCE AND USE"'; "'TOXICOKINETICS AND METABOLISM"'; "'Absorption"'; "'Metabolism"'; "'TOXICITY SUMMARY"'; "'Acute or Short-Term Exposures"'; "'Irritation to the Respiratory System"'; "'Human Studies'"
"'Animal Studies'"

2. Record Nr.	UNINA9910457229203321
Titolo	Current trends in turbulence research [[electronic resource] /] / edited by Herman Branover, Michael Mond, Yeshajahu Unger
Pubbl/distr/stampa	Was[h]ington, D.C., : American Institute of Aeronautics and Astronautics, c1988
ISBN	1-60086-583-6 1-60086-364-7
Descrizione fisica	1 online resource (476 p.)
Collana	Progress in astronautics and aeronautics ; ; v. 112
Altri autori (Persone)	BranoverHerman <1931-> MondMichael UngerYeshajahu
Disciplina	629.1 s 629.132/32
Soggetti	Turbulence Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Technical papers from the proceedings of the Fifth Beer-Sheva International Seminar on Magnetohydrodynamic Flow and Turbulence, Ben-Gurion University of Negev, Beer-Sheva, Israel, March 2-6, 1987, and subsequently revised for this volume."
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	""Cover""; ""Title""; ""Copyright""; ""Table of Contents""; ""Preface""; ""Coherent Structures: Their Measurements and Applications""; ""Control of Plane Mixing Layer: Some Novel Experiments""; ""Competing Instabilities in Rayleigh-Benard Convection""; ""Experimental Investigation of the Two-Dimensional Inverse Energy Cascade""; ""Turbulence Peculiarities Caused by Interference of Magnetic Fields with the Energy Transfer Phenomena""; ""Accelerated Mixing Layer""; ""Turbulent Vortex Ring and Entrainment Mechanism"" ""Measurements of Fluctuations of Thermodynamic Variables and Mass Flux in Supersonic Turbulence""; ""Topological Approach to Problems of Vortex Dynamics and Turbulence""; ""Methods of Topological Description in MHD""; ""MHD Turbulent Processes""; ""Plasma Diffusion and Relaxation Due to Low-Level Turbulence""; ""Some Progress in Statistical Turbulence Theory""; ""Application of Renormalization Group Methods to Turbulence""; ""Large-Eddy Simulation of a Turbulent

Channel Flow"; ""Large-Scale Flow Driven by the AKA Effect:Nonlinear Regime"; ""Large-Scale Instabilities in Nonlinear MHD Flows""
""Stability and Transitions of Boundary Layers""""Pseudoturbulent Solution of the Navier-Stokes Equations""; ""Spatially Coupled Oscillators and Associated Phase Equation: A Numerical Confrontation for the First Bifurcations""; ""Effects of Inertiogravity Waves and Rotation on Two-Dimensional Turbulence""; ""Large-Scale Dynamics and Transition to Turbulence in the Two-Dimensional Kolmogorov Flow"";
""Direct Simulation of Viscous Compressible Transitional Flows"";
""Numerical Simulations of Homogeneous Turbulence""
""Sensitivity of Small Scale MHD Turbulence to Velocity-Magnetic Field Correlations""""Regularizing Effect of a Strong Magnetic Field""; ""MHD Redistribution of Three-Dimensional Turbulence""; ""Author Index""
