Record Nr. UNINA9910139960103321 Persistent organic pollutants [[electronic resource] /] / edited by Stuart **Titolo** Harrad Pubbl/distr/stampa Hoboken, NJ,: Wiley, 2010 **ISBN** 1-282-45541-9 9786612455414 0-470-68412-7 0-470-68413-5 Descrizione fisica 1 online resource (291 p.) Altri autori (Persone) HarradStuart <1962-> 577.278 Disciplina Organohalogen compounds - Toxicology Soggetti Organohalogen compounds - Environmental aspects Fireproofing agents - Toxicology Fireproofing agents - Environmental aspects Persistent pollutants - Bioaccumulation Persistent pollutants - Environmental aspects Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Includes bibliographical references and index. Nota di bibliografia Persistent Organic Pollutants; Contents; Contributors; 1 Beyond the Nota di contenuto Stockholm Convention: An Introduction to Current Issues and Future Challenges in POPs Research; References; 2 Brominated Flame Retardants; 2.1 Introduction; 2.2 Sources; 2.3 Overview of Measurement Techniques; 2.4 Physicochemical Properties and Their Influence on Environmental Fate and Behaviour; 2.5 Overview of Toxicology; 2.6 Environmental Levels - Present, Past and Future Temporal Trends; 2.7 Human Exposure - Magnitude and Relative Significance of Pathways; 2.8 Summary and Conclusions; Acknowledgements: References 3 Perfluoroalkyl Compounds3.1 Introduction and Nomenclature; 3.1.1 Polyfluorinated Sulfonamides (FSAs); 3.1.2 Fluorotelomer Alcohols (FTOHs); 3.1.3 Perfluoroalkylsulfonic Acids/Perfluoroalkylsulfonates

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Sommario/riassunto

Persistent organic pollutants (POPs) are organic compounds that remain intact in the environment for long periods, become widely distributed geographically, accumulate in the fatty tissue of living organisms and are toxic to humans and wildlife. The Stockholm Convention on POPs is a global treaty to protect human health and the environment from POPs which came into force in 2004. Currently, twelve substances or substance groups are included under the Stockholm Convention, but there is a case for including new and emerging POPs such as brominated flame retardants and perfluorinated substances.