Record Nr. UNINA9910694485103321 Toxic chemicals and children's health in North America [[electronic **Titolo** resource]]: a call for efforts to determine the sources, levels of exposure, and risks that industrial chemicals pose to children's health Montreal, Que., : Commission for Environmental Cooperation, Pubbl/distr/stampa Secretariat. Communications Department, 2006 Montreal:,: Commission for Environmental Cooperation of North America, , 2006 Descrizione fisica 1 electronic text (ix, 82 p.) : ill., digital file Disciplina 618.9298/097 Soggetti Chemicals - Health aspects - North America Pollution - North America Children - Health and hygiene - North America Environmentally induced diseases in children - North America **Environmental Exposure** Environmental Pollutants - adverse effects Child Enfants - Sante et hygiene - Amerique du Nord Pollution - Amerique du Nord Produits chimiques - Aspect sanitaire - Amerique du Nord Maladies de l'environnement chez l'enfant - Amerique du Nord Exposition environnementale Polluants de l'environnement - Effets indesirables **Enfant** North america Children's health Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Issued as part of the Canadian Electronic Library, Documents collection, Canadian health research collection, and Canadian public policy

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Preface -- Acknowledgements -- Executive summary -- Children in

collection.

Nota di bibliografia

Nota di contenuto

North America -- Sources of information -- Analysis of the releases of carcinogens, developmental toxicants and neurotoxicants in North America -- Interpreting PRTR data -- Many actions are underway to reduce chemical loadings to the environment -- Future actions are needed -- Introduction -- Children's health overview -- Children are uniquely vulnerable to many chemicals -- Children have "windows of vulnerability" -- Why a North American report on toxic chemicals and children's health? -- Pollutant Release and Transfer Registers (PRTRs): a source of information on chemicals from industrial activities --Methods and scope of this report -- 1. Children in North America. 1.1. Demographics; 1.2. Causes of death in North American children; 1.3. Diseases related to environmental pollution affecting North American children -- 2. Types, exposures and potential health impacts of chemicals. 2.1. Types of chemicals; 2.2. Chemical sources; 2.3. Chemical exposures; 2.4. Potential health impacts; 2.5. The universe of chemicals: what we know and what we don't know; 2.6. Understanding chemicals' potential risks to children -- 3. Releases of chemicals: data from industrial pollutant release and transfer registers. 3.1. Overview: 3.2. PRTR analysis; 3.3. Findings from the PRTR health effects approach; 3.4. Chemicals of concern to children's health; 3.5. Emerging issues.

4. Actions to protect children's health from toxic chemicals. 4.1. Overview; 4.2. International action to reduce children's exposure to toxic chemicals; 4.3. National and trilateral action to reduce children's exposure to toxic chemicals; 4.4. Looking forward: actions to reduce toxic chemicals and protect children's health -- Resources -- References -- Appendix A: Number of children in North America -- Appendix B: List of chemicals reported to both TRI and NPRI that are carcinogens, recognized or suspected developmental and reproductive toxicants, and/or suspected neurotoxicants, and their toxic equivalency potentials (TEPs) -- Appendix C: Methodology for PRTR data analyses -- Appendix D: Methodology for toxic equivalency potentials (TEPs) -- Appendix E: Assessment and management of industrial chemicals and pollution reporting, by country.