



OECD'S ACTIVITIES ON RELEASES FROM PRODUCTS

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General Information

- Our mission: better policies for better lives
- 34 member countries: most of the countries have established PRTRs.
- Closely work with other international organisations.

Activities on Exposure Assessment and PRTRs

- Task Force on Exposure Assessment, Task Force on PRTRs
- Policy research and Documentation
- Databases/Resources



OECD Activities (examples)

- Policy research and Documentation
 - More than 30 documents on Exposure Assessment:
 - **Emission Scenario Documents**
 - Other guidance documents
 - More than 15 documents on PRTRs:
 - Pollutant Release and Transfer Registers (PRTRs): A Tool for Environmental Policy and Sustainable Development - Guidance Manual for Governments
 - Resource Compendium of PRTR Release Estimation Techniques
 - Part 1: Summary of Point Source Techniques
 - Part 2: Summary of Diffuse Source Techniques
 - Part 3: Summary of Techniques for Off-site Transfers
 - **Part 4: Summary of Techniques for Releases from Products, Version 1.0**
- Databases/Resources
 - Environmental Risk Assessment Toolkit
 - Centre for PRTR Data
 - Resource Centre for Release Estimation Techniques
 - PRTR.net (global portal to PRTR information)



Exposure Assessment

Project: Emission Scenario Document:

- describes the sources, production processes, pathways and use patterns with the aim of quantifying the emissions (or releases) of a chemical into water, air, soil and/or solid waste, for risk assessment.
- should ideally include all the following stages: (1) production, (2) formulation, (3) industrial use, (4) professional use, (5) private and consumer use, **(6) service life of product/article**, (7) recovery, and (8) waste disposal (incineration, landfill).

From:

- *Guidance Document on Emission Scenario Documents (2000)*
- ***Complementing Guideline for Writing ESDs: The Life-Cycle Step "service life" (2008)***

- But it is difficult to include sufficient information on releases from products. Some ESDs refer to information related to releases from products, Textile finishing, Rubber additives



Exposure Assessment

Project: compiling information on emissions/releases from products.

- Goal: 1) developing a **database including an inventory** of available emission factors, and 2) developing **guidance on testing** of chemical releases.
- Survey in 2011 to compile available information by member countries (55 responses). Approximately half of the survey responses indicated the availability of emission rate data in the studies.
- This project also covers plasticizers.
- This database will help to provide information and identify further gaps on releases from products.



Project: Release Estimation Techniques (RETs) for Releases from Products

- The **Resource Compendium (part IV: release from products, version 1.0)** was published in 2011.
- Current activities aim at adding information (case studies) to the Compendium.
- Lead countries: Denmark, Finland, Norway and Sweden.
- The Compendium version 1.0 is available at OECD website: www.oecd.org/chemicalsafety/risk-management/publicationsintheseriesonpollutantreleaseandtransferregisters.htm



THANK YOU

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>Assessment of chemicals> Exposure Assessment

or

>Risk management of installations and chemicals › Pollutant Release and Transfer Register (PRTR)