



Sustainability Consortium

Product Category Rules in Personal and Household Care

Environmental Product Declarations (EPD)

- ISO 14025
- LCA based tool to communicate the environmental performance of a product or system
- Can and should include additional non-LCA based information on the product or company

Principles of EPDs

- Voluntary
- Openness and Consultation
- Product Functionality
- Transparency
- Accessibility
- Scientific Character
- Confidentiality
- Cost Effectiveness

Characteristics of EDPs

- Objective
- Credible
- Neutral
- Comparable
- Open to all products and services
- Open to all interested parties
- Environmental impact-oriented
- Instructive

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Characteristics of EDPs

- **Comparable**, through the establishment of ‘Product-Specific Requirements’ (**PCRs**) for selected product groups and services, describing harmonized LCA-rules for data collection, methodology, calculations and presentation of the results.

(also called Product Specific Requirements, or PSRs)

Resources for PCRs

Global Type III Environmental Product Declarations
Network

www.gednet.org

The International EPD System

www.environdec.com

PCRs for Home and Personal Care

- Tissue Paper from Virgin Material (2004:7)
- Tissue Paper from Recovered Paper (2004:8)
- Absorbent Hygiene Products (2007:6)
- Chemical Products (2000:5)
- UN CPC Division 34: Basic Chemicals
 - Draft Version 1.0 (2008-12-19)

Chemical Products (2000:5)

System Boundaries

- Stages Included
 - Extraction of resources
 - Transport of resources
 - Refinement of resources
 - Transport of the refined resource
 - Manufacturing of the chemical product
 - Transport to customer
 - Use of the product
- ...impact from manufacture of capital goods
...building of plants is not included.
- Packages used at deliveries directly to or from the company are not included. Packages in previous stages can be excluded.

Chemical Products (2000:5)

Cut-off Rule

- Processes estimated @ less than 1%

Allocation

- collection of product specific process information to avoid allocation, is to prefer
- the economical value shall be used as base for allocation

Chemical Products (2000:5)

Use Phase

- All declarations shall include a presentation of environmental impact from the transport to customer
- When the chemical product has a predominant field of application a quantitative description of important environmental characteristics shall be presented, e.g. energy consumption, emissions and waste generation related to the use of the product.

Chemical Products (2000:5)

Data Sources

- Site specific data shall be used for the manufacturing of the chemical product as well as the previous manufacturing stage in the life cycle. See also 9.2.
- Generic data is allowed to use for manufacturing stages before the direct suppliers of the company, if no specific data is available.