Chemicals in Products

An overview of systems for providing information regarding chemicals in products and of stakeholders' needs for such information

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Content

- Overview of CiP information systems
- Stakeholders' need for CiP information
- Gaps
- Reflections on closing gaps

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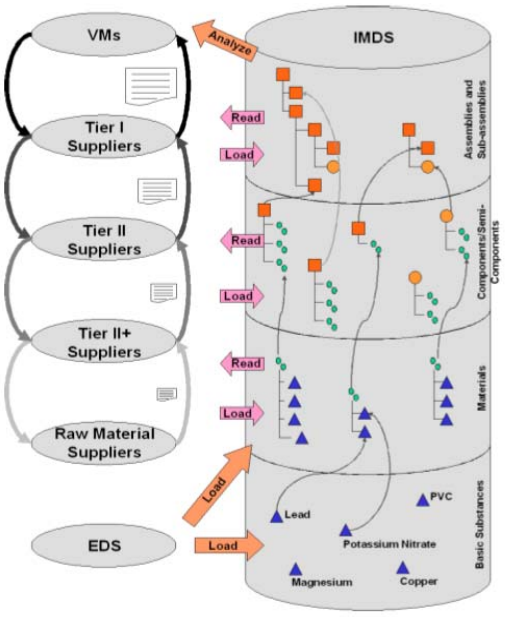
Examples of CiP information systems

Generic components of CiP information systems

- Organisation & resources for support and training
- Definition of information to be provided
- Platform for information provision
- Defined method for generation/provision of information (upstream actors, literature, tests)
- Information ownership and access
- Routines for updating and verification of information
- Methods for interpretation of data

IMDS in car industry

- Driver: legal requirements
- Supply chain actors – brand owners (uncertain regarding EoL actors)
- Proprietary information
- Well-established rules
- List of Basic Substance (relevant for sector)
  - GADSL
  - REACH
  - Others



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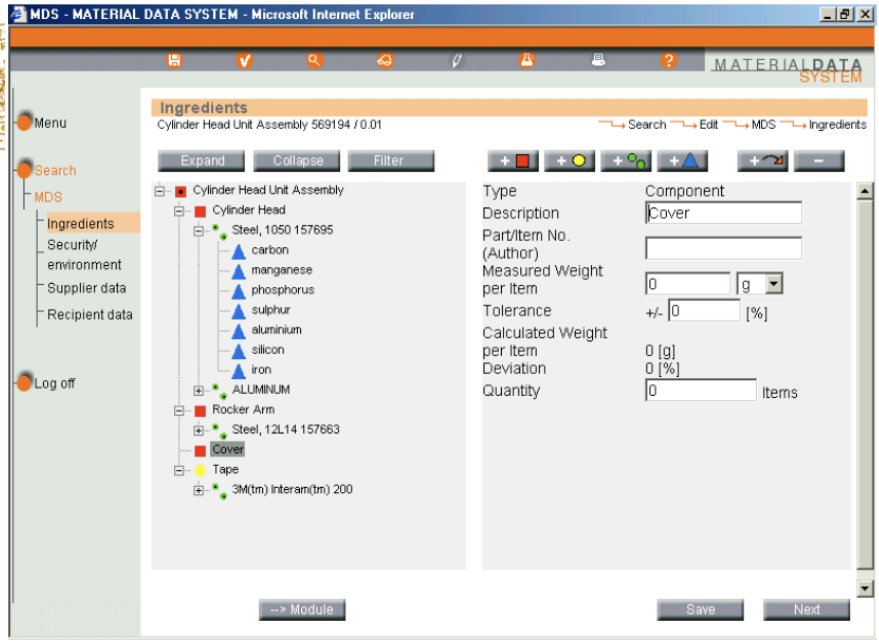


GoodGuide

Find healthy, green, ethical products according to scientific ratings.

- Driver: individual consumers want better information & interpretations for purchase desicions
- Form NGO-like structure
- web and mobile phone communication
- Check products; 2.000 toys, 16.000 food products, 47.000 personal care

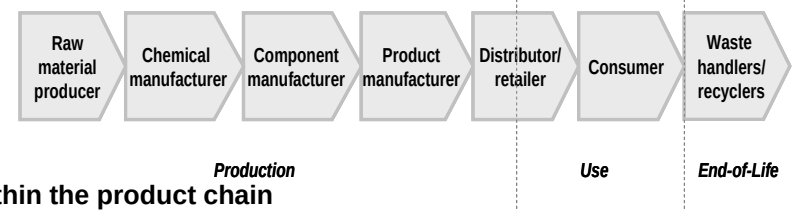
Systems for CiP information

Many systems – patchy information and accessibility

- Chain interaction and coverage works, as alternative to sample the product
- Great variation in system design and provided information
- Provides information between many different types of actors
- Systems and users identified in all parts of the world
  - Often initiated in Japan, Europe and North America

Stakeholders' need for CiP information

Who are the stakeholders?



Within the product chain

- Producers (production, distribution and sale of products)
- Consumers
- EoL actors

Outside the chain

- Government agencies and policy makers
- NGOs, etc

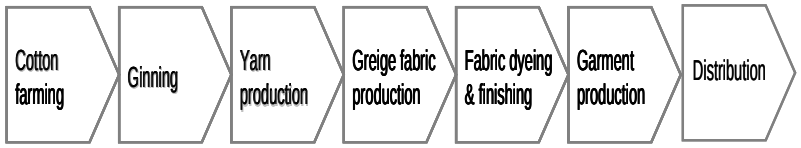
CiP information needs

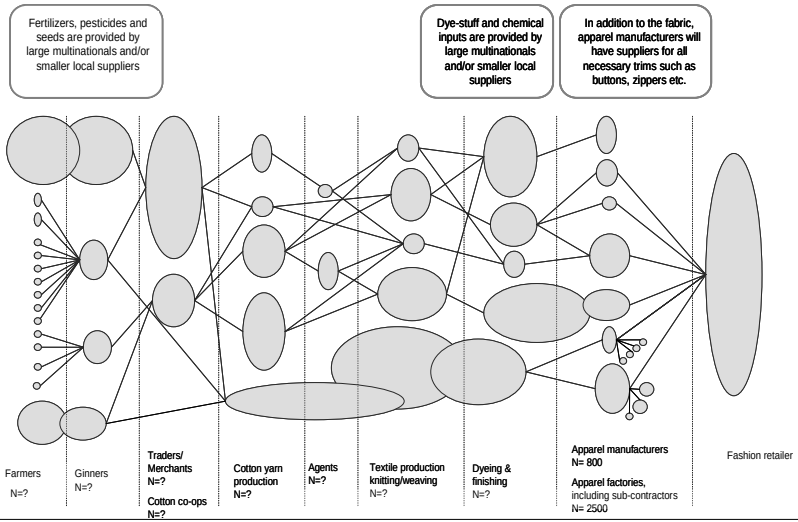
Several and different stakeholders with different information needs all over the world

Different abilities to utilise the information (evaluate, interpret data for decisions)

- Chemicals related information: content, amounts, hazard and risk
- Information related to the end-of-live management: Chemical content, location of substances, waste disposal
- Information regarding precautions for safe use/handling and disposal:
- Producer related information: traceability, monitor compliance
- Supply chain related information:
  - companies behind the final product
  - Also accidents, recycling

Example: a textile supply chain





On stakeholders' information needs

Individuals' and organisations' vary:

- Skills, knowledge and capacity,
- Resources
- Priorities and values
- Contexts (social, cultural, environmental, regulatory)

Conclusion: tremendously heterogeneous

Gaps
Reflections on closing gaps

Some conclusions on gaps

- Many actors in all stakeholder groups and all regions express need for better information
- Mainly on chemical content
- Different ability to make use of the information
- Few comprehensive systems broadly adopted in certain applications

Harmonised CiP information systems

- Tier 1: know what substances are present in the product or able to migrate from it – easier to harmonise
- Tier 2: information on/interpretation of what the chemical content means, should be evaluated, and instructions for actions – tailored support functions to be harmonised by and for certain stakeholder groups to meet different needs

Critical decisions

- Full disclosure or RSL/DSL etc
- Rules and principles
- Information access
- Information format and technical platform
- Control and verification (incl. ownership and responsibilities)
- Sanctions
- Legal status

Thank you! Questions?