

Information in the supply chain: Safety Data Sheet and Exposure Scenario

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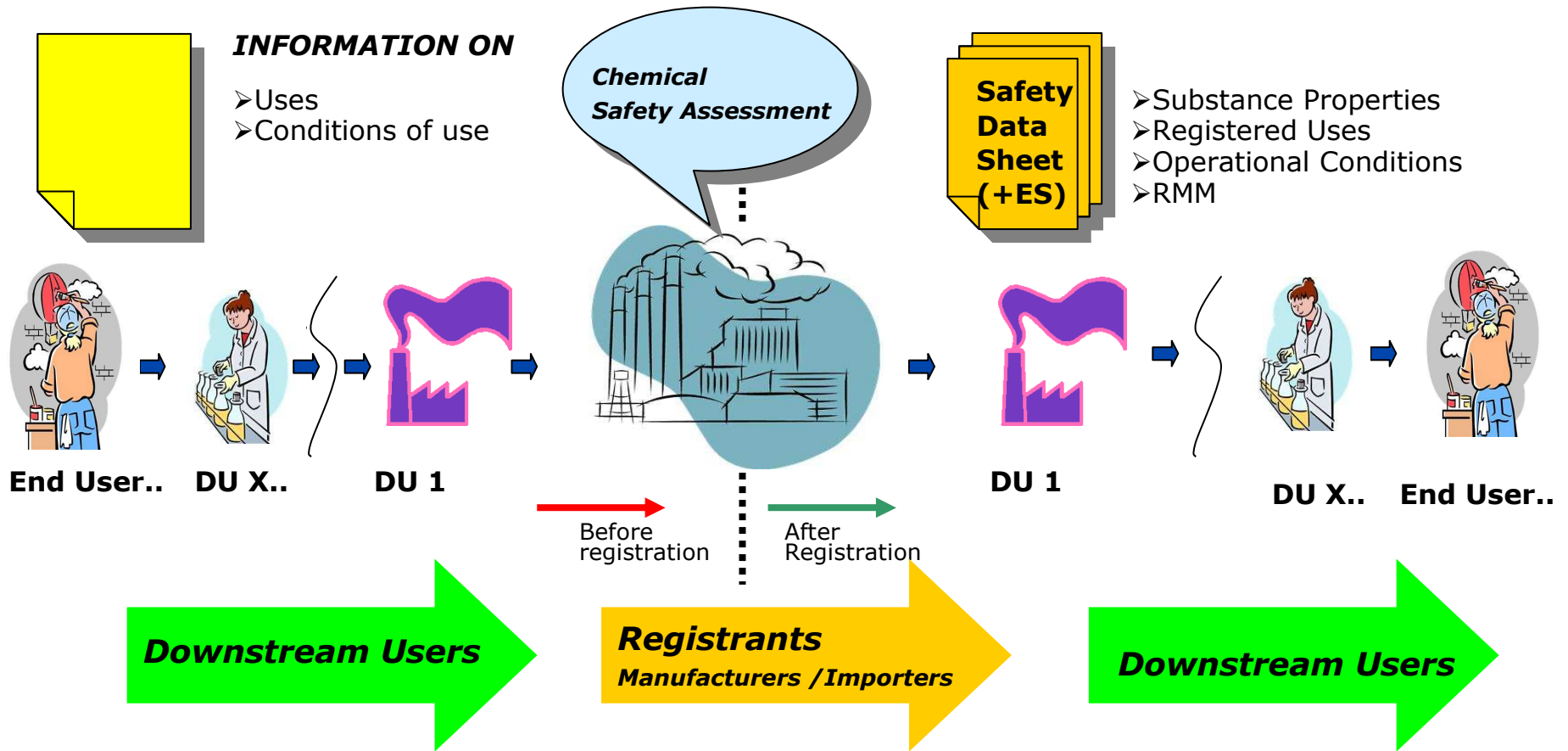
23 April, 2012
11:00 - 13:00 Helsinki Time (GMT +2)

Information in the supply chain: Safety Data Sheet and Exposure Scenario

- Information and supply chain communication
- The new Safety Data Sheet
- The Exposure Scenario
- Sections of Exposure Scenario
- What to do when you receive an SDS
- What further actions to take, depending on the outcome
- Typical examples of how to check an Exposure Scenario



Information and Communication in the supply chain

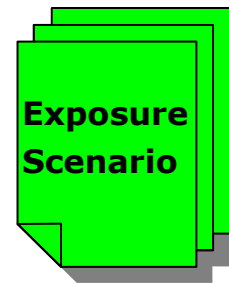


Good communication is vital for good information on safe use!

The new SDS



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Main body

- Classification and labelling information
- Registered Uses
- Threshold values for exposure (DNELs PNEC)
- Physicochemical data
- Toxicological and ecotoxicological data

Exposure scenarios

- Use-specific operational conditions
- Use-specific risk management measures



The Exposure Scenario

What is it?

- a **control strategy** providing **operational conditions** for manufacture and/or identified use(s) of a substance.
- prescribes appropriate **risk management measures (RMMs)** for ensuring adequate **control of risk (information on safe use)**

When is it required?

- When a **Chemical Safety Report** needs to be prepared (*volume > 10t/year*)

and

- If the substance meets the criteria to be **classified** or identified as **Hazardous, PBT vPvB** (Persistent, Bioaccumulative and Toxic; very Persistent, very Bioaccumulative)

ESs must cover all identified uses at all life cycle stages!

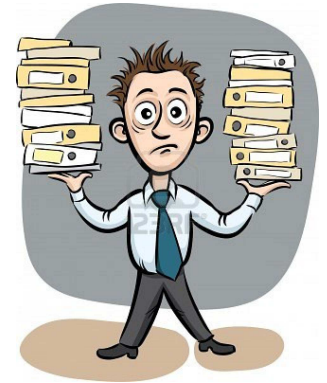
"Relevant" ESs are attached to the SDS (so called "extended" SDS)

The Exposure Scenario sections



- ***Title Section***
 - Short title
 - Use and Conditions of use (Use descriptors)
- ***Contributing scenarios***
 - Environment
 - Workers
 - Consumers
- ***Exposure estimate***
 - Method used for exposure estimation (modelling tool or measured data)
 - Exposure estimates
 - Risk Characterisation ratio
- ***Other information***
 - Scaling options (advice on how to determine if your conditions of use are within the boundaries of the ES)

When you receive an “extended” SDS...



- ✓ **Check if the use is covered (section 1.2 of SDS and ES)**
- ✓ **Check if the conditions of use are covered (ES)**

Focus on:

- *your own use (uses at your sites)*
- *design of your products (mixture or article)*
- *foreseen uses of your mixtures by your customers (if you produce mixtures, which are used further down the supply chain)*

Check of Exposure Scenario: outcomes

- ✓ Use and conditions of use are clearly covered
 - You're done! Document your use.



- ✓ Use and conditions of use clearly not covered
 - See next slide



- ✓ Not clear if use and conditions of use are covered
 - Further checks are needed. Communication with your supplier might help.



If a use/conditions of use are not covered

1. Adapt conditions of use to the received ES:
 - Implement ES regarding own use
 - Adapt the composition/design of the product to be supplied further down the chain
 - Recommend to customers the conditions of use specified in the received ES
2. Communicate to the supplier so that he would include the identified use in his CSR and provide an ES:
 - sufficient information on the conditions of use should be made available to the supplier to enable assessment!
3. Look for another supplier who will include the use in their CSR and provide an appropriate ES
4. Prepare own CSR and annex corresponding ES to the own SDS; report (limited) information according to Article 38 to ECHA within 6 months