

How use maps help improve supply chain communication

ECHA Stakeholder Day

5 April 2017

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NVZ, on behalf of A.I.S.E.



The Detergents sector

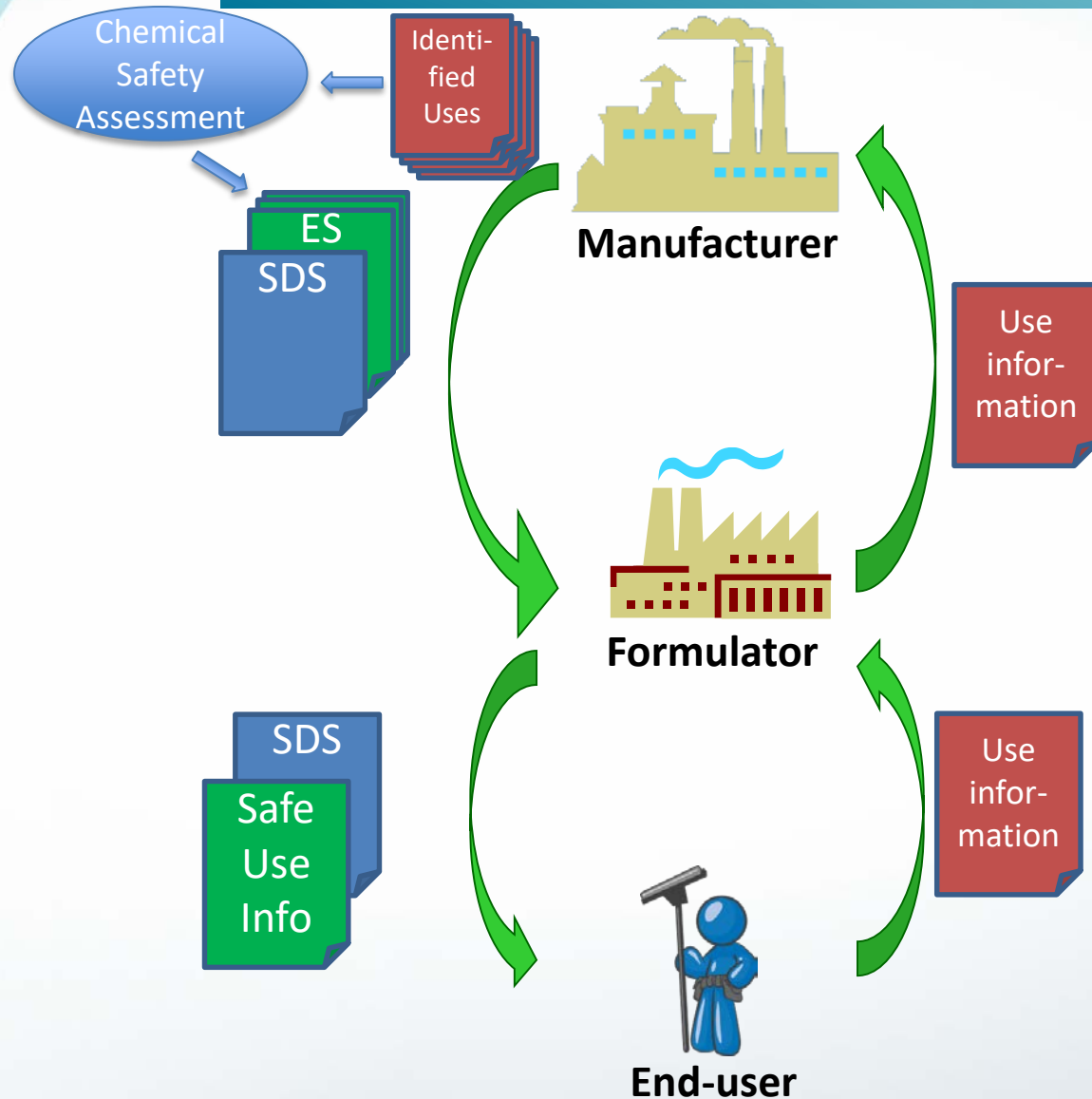


Professional Cleaning & Hygiene

- Broad range of products
- Many different product uses
- Many SME end-user customers
 - NL: >10.000 SME cleaning companies



REACH Supply Chain Communication



Common issues



Manufacturer



Formulator



End-user



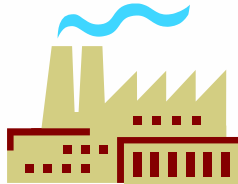
Clean
Hygienic
Sustainable

- Differences in use information received
 - Format & type of information
- Limited information on actual use situations
- Time-consuming safe use assessment

Common issues



Manufacturer



Formulator



End-user



Clean
Hygienic
Sustainable

- Several (end)uses not covered in Exposure Scenario's
 - Unrealistic safe use conditions described
- Mixture SDSs often do not yet contain ES-related safe use information

Common issues



Manufacturer



Formulator



End-user

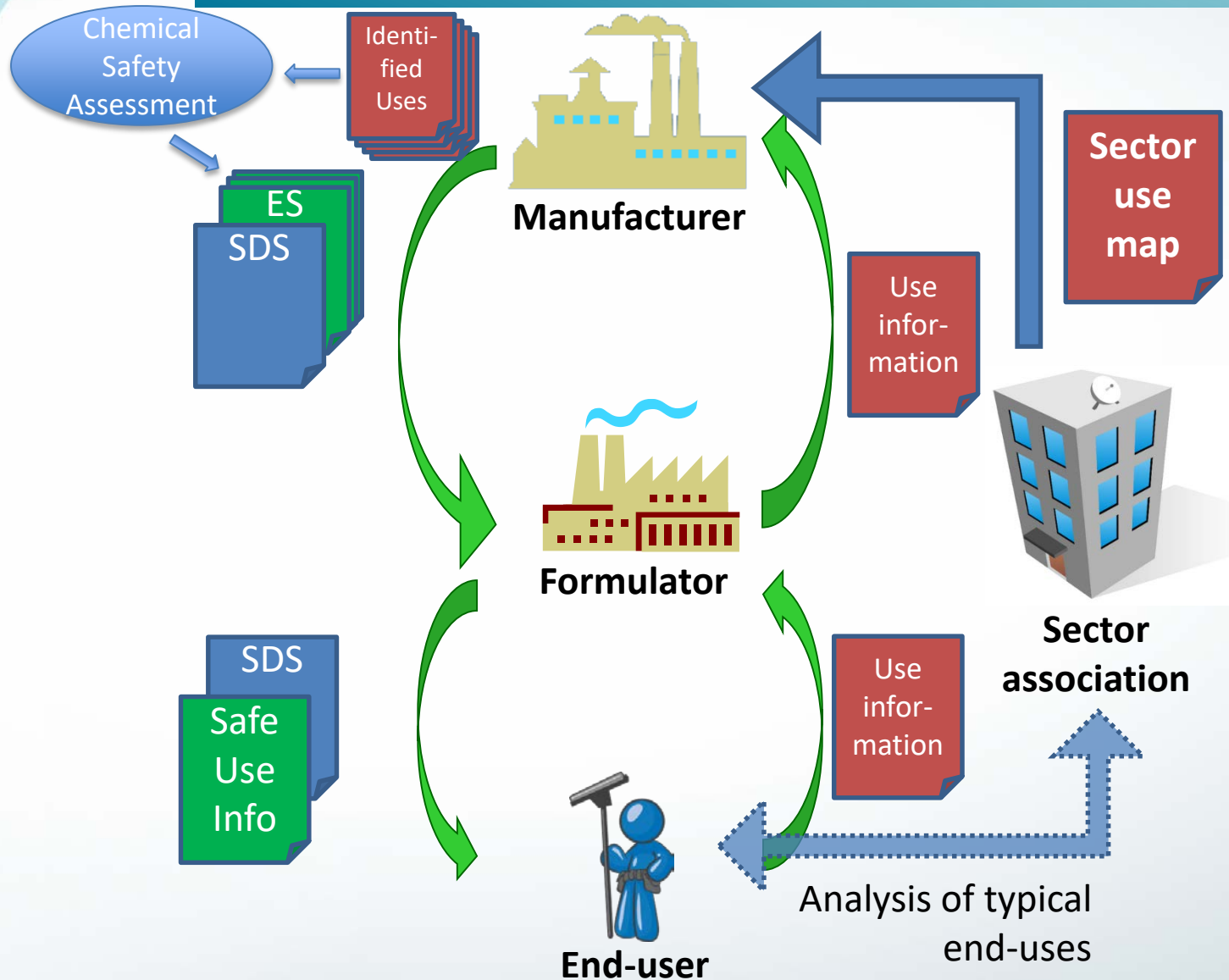


Clean
Hygienic
Sustainable

- Limited resources
 - Many SME companies
- Often lack of sufficiently educated personnel
- Determining safe use conditions difficult
 - Own safety assessment needed
 - Chemical/toxicological knowledge needed



Sector use maps



Sector use maps

Use identification and general description								
Use code	Link to entry in previous use maps	Life Cycle Stage	Use name	ESCom standard phrase code for use name	ES short title for communication (TBC)	Brief description of use process	Sector of use (SU)	Product categories (PC)
1	1a	2	3	3a	4	5	6	7
sector_M_001_v1		Manufacturing					N/A	N/A
sector_F_001_v1		Formulation or re-packing					N/A	
sector_IS_001_v1		Industrial site						
sector_PW_001_v1		Widespread use by professional workers						
sector_C_001_v1		Consumer				N/A	N/A	
sector_SL_001_v1		Service life - workers				N/A	N/A	N/A
sector_SL_001_v1		Service life - consumers				N/A	N/A	N/A

- Overview of typical uses within sector
- Describes actual use situation
 - Duration? Ventilation? Protective equipment?
- Standardized format used by all sector associations

Example uses

Example uses from detergents sector use maps: professional cleaning

- Diluting a product in a spray flask
 - Max. 1 hour per day, no LEV possible, ...
- Spraying a product on a surface
 - Max. 1 hour per day, no LEV possible, ...
- Brushing a product on a surface by hand
 - Max. 8 hours per day, no LEV possible, ...



Use maps benefits



Manufacturer



Formulator



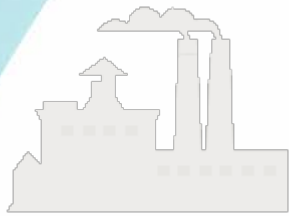
End-user



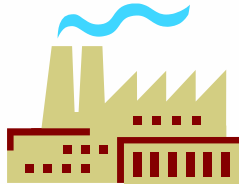
Clean
Hygienic
Sustainable

- Detailed information on actual use
 - Reliable safety assessments
- Harmonized information format
 - Harmonization between industry sectors
- Standardized use map format enables automation of assessments
 - Saving time and resources

Use maps benefits



Manufacturer



Formulator



End-user



Clean
Hygienic
Sustainable

- Reliable, high-quality exposure scenarios
- Realistic use conditions described
- Standardized communication to end-users possible
 - Safe Use of Mixtures Information (SUMI)

Use maps benefits



Manufacturer



Formulator



End-user



Clean
Hygienic
Sustainable

- Reliable, realistic conditions of safe use
- Standardized, harmonized communication between suppliers
 - SUMIs, tailored information for end-users
- Using the results of a chemical safety assessment done at manufacturer level
 - *Dutch OHS inspectorate: A.I.S.E. SUMIs can be used as a basis for the (OHS) chemical risk assessment (translation to practice required)*

Closing remarks

- **Use maps improve upstream communication...**
 - More detailed information on actual uses
- **...and therefore also downstream communication...**
 - High quality, reliable exposure scenarios
- **...which enables safer workplaces, especially at end-user level.**
 - Using the assessment results from a more knowledgeable player in supply chain
 - *Acceptance from OHS authorities required*



Thank you!

Thank you for your attention

Useful links:

- [ECHA webpage on use maps](#)
- [ECHA use maps library](#)
 - *Sectors with use maps available or in preparation:*

