



Sector approaches to generating safe use information (the “bottom-up” approach):

*Update on latest
developments and next steps*

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- DUCC members represent formulators of mixtures



- A “bottom-up” approach is suited to end use mixtures with clearly defined markets and uses

Content



DUCC “bottom-up” approaches

- Objective
- Work-flow
- The concept
- Proposed terminology
- Commonalities
- Next steps

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Objective



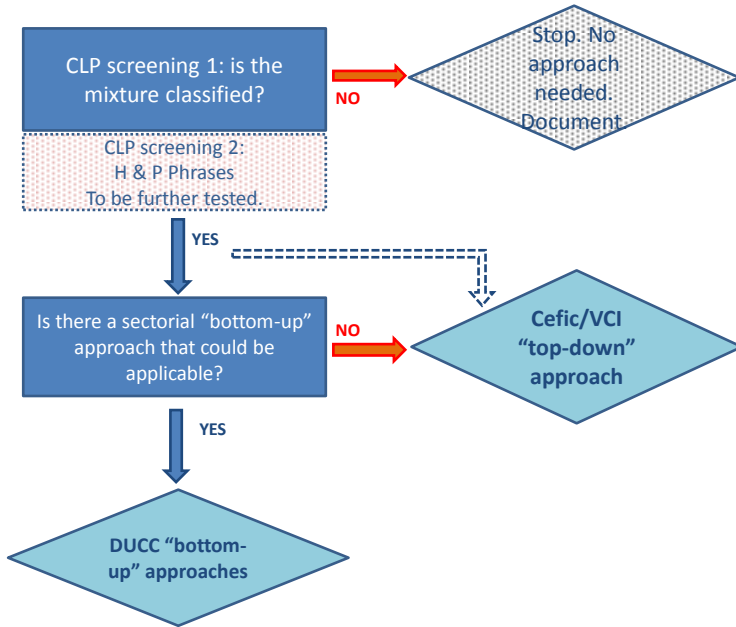
- To provide **safe use** information for **classified** mixtures
- To **develop meaningful information for end-users of mixtures** (by ensuring consistent translation of the substance’s ES provided within the SDS) → **workers**
- To **simplify communication** with raw material **suppliers**
- To cover the majority of uses within a sector

Note: this project does not cover

- **Consumer** (SCEDs)
- **Environment** (SpERCs)

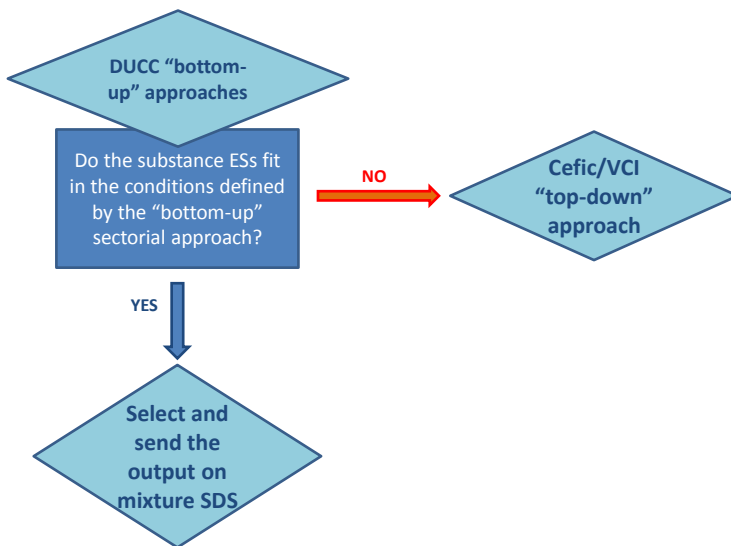
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Work-flow of the “bottom-up” approaches



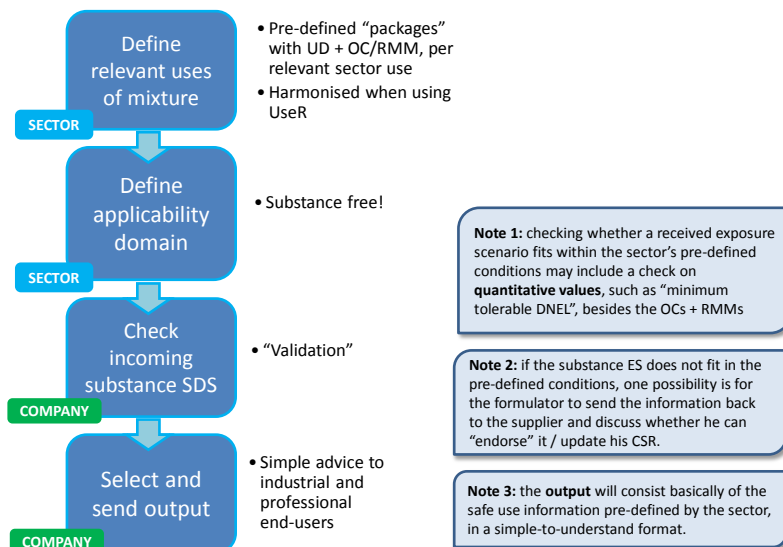
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Work-flow of the “bottom-up” approaches (cont.)



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“Bottom-up” approaches – the concept



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“Bottom-up” approaches –



Proposed terminology 1

SWED

Sector-specific Worker Exposure Description

- For mixtures
- ‘Specific’ to a sector
- It is the input information for Chemical Safety Assessment – Workers’ Exposure (provides the exposure determinants)
- For the time being consists of an Excel file

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“Bottom-up” approaches –



Proposed terminology 2

SUMI

Safe Use of Mixtures Information

- For mixtures
- Based on SWED → the output of the approach, tailored to the end user
- For communication in the supply chain
- To be included in or appended to the SDS (1- or 2-pager)

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Example of a SUMI

Example:

A.I.S.E./NVZ

“Generic Exposure Information Sheet – GEIS”

 AISE GEIS.11.1.b.v1  <small>Version: 1.0, May 2014</small>	
(Trigger) spraying of a professional product	
Operational conditions	
Maximum duration	50 minutes per day.
Process conditions	Process is carried out at room temperature. In case of dilution, tap water at a maximum temperature of 45 degrees Celcius is used. No LEV needed; good general ventilation at workplace is sufficient.
Risk management measures	
Conditions and measures related to personal protection equipment (PPE), hygiene and health evaluation	Use gloves and safety goggles. See Section 8 of the SDS of this product for specifications.   Training of the worker in relation to proper use and maintenance of the PPE must be ensured.
Good practise advice	
Don't eat or drink, don't smoke, no open flame	  
Wash hands after use Avoid contact with damaged skin Do not mix with other products	  
Spillage instructions	Dilute with water and mop up.
Additional good practice advice	Follow the product instructions as specified on the label or in the product information sheet and use good occupational hygiene practices as specified in Section 7 of the SDS of the used product.

Commonalities of the individual DUCC members' "bottom-up" approaches



- **SWEDs**
 - They are based on the sector use maps
 - They address workers' exposure
 - They are not substance-based
 - They require a validation step by the formulator
 - They may be complemented with a SpERC for full description of the use (because they don't address environment)
- **SUMIs** – common structural elements
 - Operational Conditions
 - Risk Management Measures (with pictograms)
 - Other elements to be further aligned

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Next steps



- **4Q2014 – 1Q2015**
 - Further discuss the "CLP screening 2" for local/acute endpoints and use of corresponding H/P statements
 - Sectors to finalise their SWEDs and SUMIs
- **1Q2015**
 - Agree on a template for the SUMIs
- **2Q2015**
 - Develop an Explanatory Note (guidance)
 - Update sector use maps
 - Assess links (and possible synergies) with other Roadmap activities
 - Plan for creation of Chesar input files for the SWEDs

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Next steps (contd.)



- **Longer term:**
 - Further discuss environmental aspects
 - Compare outcome of sector-specific approaches with results of Cefic/VCI LCId methodology

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Thank you for your attention!

Questions?



Downstream Users of Chemicals Co-ordination group

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