



Downstream Users of Chemicals Co-ordination group

SECTOR USE MAPS

Possibilities for improvement

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The concept of the “Sector Use Maps”

- In 2009 DUCC created the “**UseR template**” (Use Reporting template) for assisting downstream users in **communicating** their uses to their suppliers (as per Art. 37 (2) of REACH)
- Several industry sectors completed the “UseR template” with the various uses of products that are relevant in their sector, i.e. they have identified the relevant **uses of products** within their sector and provided generic information to describe them ⇒ **SECTOR USE MAPS**



UseR Template



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1. Description of the use: coding, short ES title, Use Descriptors (Chapter R.12 ECHA's Guidance) and identification of the life cycle stage

Number	Code	Short ES title	Short description of process or activity	use descriptors							Life Cycle Stage(s)													
				Sector of use (SU)	Process Category (PROC)	Product category (PC)	Product Sub-category	Article Category (AC)	Article Sub-category	Environmental Release Category (ERC)	Manufacture	Formulation	end use			Service Life								
													Industrial	Professional	Consumer									
1				not relevant for exposure estimation with ECETOC-TRA gives information regarding industrial/professional/consumer and the relevant branch	PROCs as link to ECETOC-TRA (tier 1) driver for workers exposure, only for industrial and professional uses, no PROC for consumer use	PCs as link to ECETOC-TRA (tier 1) driver for consumer exposure, only for consumer use of preparations	P-Sub-Cat as link to ECETOC-TRA (tier 1) driver for exposure exposure only for consumer use of preparations. Not a Use Descriptor strictly speaking	ACs as link to ECETOC-TRA (tier 1) driver for consumer exposure only for consumer use of articles	Article-Sub-Cat as link to ECETOC-TRA (tier 1) driver for exposure exposure only for consumer use of articles (service life). Not a Use Descriptor strictly speaking	ERCs as link to ECETOC-TRA driver for environmental exposure														
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How were the “Sector Use Maps” applied?

By REGISTRANTS

- to perform a “basic” **Tier 1 exposure assessment** with *ECETOC Targeted Risk Assessment tool* (sufficient in many cases)
- to **inform their clients** on uses they intended to cover in the registration

By DOWNSTREAM USERS

- to **report uses** to their direct suppliers in a **substance-specific way** using standard formats and use descriptors
- to **document** what they do with the substances (by picking the right sectorial use map and the right assignment of use descriptors)
- to **cross-check** against the exposure scenarios received from suppliers

The “Sector Use Maps” in the CSR/ES Roadmap



ACTION AREA 2: FURTHER DEVELOP INFORMATION INPUTS FOR THE CHEMICAL SAFETY ASSESSMENT

Developing extended use maps as a basis for good quality CSA

Roadmap actions: 2.1, 2.2, 2.7; strong interlinks to Actions 2.3-2.5 as explained in the introduction.

<p>Activities foreseen</p>	<p>Building on the current use maps and harmonised exposure assessment inputs, develop and establish an agreed approach, i.e. format and content, for the extended use maps. These indicate the necessary elements for description of use as well as the links to the exposure assessment inputs (Actions 2.3-2.5), which can also be included in the development of the IT tools implemented there (see Action 3.1).</p> <p>Test with case studies the practical usability and realisation of the added value expected in the CSA and related ES for communication generation by the extended use map in a number/range of supply chains. After this, develop and publish guidance that supports the review and extension of existing industry sector use maps.</p> <p>If the method proves valuable, encourage the sectors to review their existing industry sector use maps and amend as necessary to align with the extended use map (both format and content). Encourage those sectors that have not yet mapped their uses to do so following the extended use maps approach.</p>
<p>Planned events</p>	<p>Introduction and preliminary agreement to the concept and corresponding formats at ENES6 in mid-May 2014.</p> <p>Workshop on results of testing (proof of concept) and final agreement on formats (Q4/2014).</p>
<p>Expected outcome</p>	<p>Agreed format for an extended use map by Q2/2014.</p> <p>Agreed content for extended use maps by Q4/2014, input coming from actions 2.3-2.5.</p> <p>Draft guidance for developing an extended use map within a sector by Q4/2014.</p>

The proposed format for the improved “Sector Use Maps” (1/3)



1. Maintain existing fields

- Use code
- Life cycle stage
- Use name
- ES short title for communication
- Brief description of use/process
- Product category (PC)
- Sector of end use (SU)
- Article Category

The proposed format for the improved “Sector Use Maps” (2/3)



2. Make the links to the “exposure assessment inputs” more prominent:

- Environment (spERCs)
- Consumer (SCEDS)
- Workers – tbd / the columns that were describing the operational conditions and risk management measures will be included in a “package” to describe the conditions of use for workers

The proposed format for the improved “Sector Use Maps” (3/3)

3. New supplementary column to include information on:

- generic composition by technical functions
- maximum concentration per technical function
- technical function expected to be present in subsequent service-life? (Y/N)



Illustrative example for professional cleaning product generic composition

<i>surfactant_max20%_ASL:N</i>	<i>hydrotope_max_10%_ASL:N</i>
<i>polymeric_max20%_ASL:N</i>	<i>bleach_max10%_ASL:N</i>
<i>solvent_max15%_ASL:N</i>	<i>additives_max2%_ASL:N</i>
<i>base/acid_max20%_ASL:N</i>	<i>perfume_max2%_ASL:N</i>
<i>builder_max24%_ASL:N</i>	

Testing of the proposed format for the improved “Sector Use Maps”



- Timetable proposed:
 - end June/start July: launch call for testersD
Documentation to be sent with the call: explanatory note (scope of test and why test now); the Use Maps template; guidelines on how to fill the template.
 - July and August: companies/sector associations to volunteer.
 - September onwards: start “testing”
 - ENES 7 (18-19 November): presentation of the testing results and its implications for refining the format

Other actions related to the “Sector Use Maps”



- Following discussions at ENES 6, parallel work streams working on:
 - use maps inputs for workers
 - spERCs (environment): improvements to be discussed
 - SCEDs (specific consumer exposure determinants): industry to develop and make available

Closing remarks

- Use maps **are being applied** by registrants/consortia since 2010
- Use maps represent, at best, 80% of the uses in a sector – they cannot cover all possible cases
- In most use maps: no substance consideration (unless companies use the new field proposed in 2012)
- Use maps are a tool to help in performing **good quality CSA** and, consequently, developing **good quality CSR and receiving good quality ES** (two main drivers for the CSR/ES Roadmap)
- Nevertheless, DU are still receiving exposure scenarios with unrealistic/very conservative OC/RMM

Closing remarks

- The more the use maps can be improved by downstream user (sector associations), the more realistic information the registrants will get

... but it is important to understand the limitations in gathering certain information

- **Volunteers will be needed to test the concept and possible improvements in quality of CSA and ES**
(ideally the complete supply chain would engage)

Sector associations are encouraged to participate!

- Other possibilities for further development in the future
 - The format (currently excel)
 - To import the use maps into Chesar? Into IUCLID?

Thank you!



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Useful links for use maps information

UseR template (updated version February 2012)

<http://www.ducc.eu/Publications.aspx>

http://www.ducc.eu/DownloadDocument.aspx?document_id=46

Cefic Libraries with an overview of sector activities:

<http://www.cefic.org/Industry-support/Implementing-reach/Libraries/>

Information on use communication

Letter on use communication

http://www.ducc.eu/DownloadDocument.aspx?document_id=54

Fact sheet on use communication

http://www.ducc.eu/DownloadDocument.aspx?document_id=55

Roadmap activities under action Area 2

<http://echa.europa.eu/web/guest/csr-es-roadmap/action-area-2>