

# **SECTOR USE MAPS**



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1

# Use maps - why?



cf. REACH "use: means any processing, formulation, consumption, storage, keeping, treatment, filling into containers, transfer from one container to another, mixing, production of an article or any other utilisation"

- When a substance is registered its foreseeable uses (identified uses) should be assessed by the registrants
- The identified (and covered) uses will be **communicated** in the **Safety Data Sheet** and **Exposure Scenarios**
- Use maps were the means for a downstream user to make its use known, i.e. to report it to the registrant → REACH art. 37(2) + art. 37(3)

2



#### Use maps – by whom?

 Sector associations → have the knowledge on the way their products are used within the sector

#### Use maps - for whom?

- Registrants → input for the Chemical Safety Assessment
- Formulators → internal mapping of uses

3

# Use maps - how?



- Call for volunteers
- Sector associations to initiate discussions with their member companies:
  - 1. Identify relevant uses and respective contributing activities (objective: cover 80% market)
  - 2. Describe the uses + contributing activities (operational conditions and risk management measures) by means of:
    - Use Descriptors (R.12 ECHA Guidance)
    - Standard phrases (ESCom Standard Phrases Catalogue)
    - Other terminology
- Consider need for (internal) guidance
- Approval process
- Publication

4

#### Use maps - what?



- · Template: Excel file
- Description of relevant uses within the sector + other elements that may be needed by the registrants to perform the risk assessment
- In most cases, it contains (only) information to allow the registrants to perform an exposure assessment at screening level or "Tier-1" level, using e.g. the ECETOC Targeted Risk Assessment tool.

#### Use Maps packages:

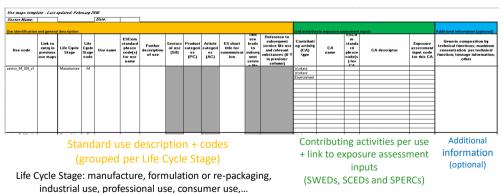
- use description
- 2. exposure assessment inputs

5

#### Use maps - what?

# Downstream Users of Chemicals Co-ordination group

# 1. Use description



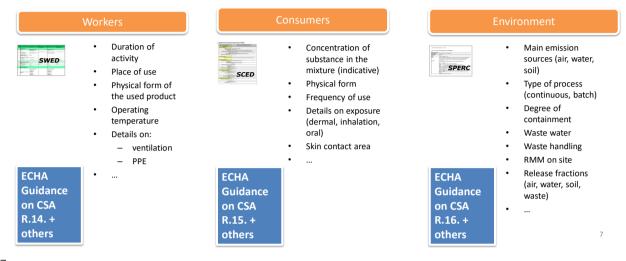
- Each line (in the yellow part) ⇔ 1 use
- Each use ⇔ ≥ 1 contributing activity(ies)
- Each contributing activity ⇔ 1 exposure assessment input (for workers, consumers and/or the environment, as appropriate)
- SWED: Specific Worker Exposure Description
- SCED: Specific Consumer Exposure Determinant
- SPERC: Specific Environmental Release Category

#### Use maps - what?



# 2. Exposure assessment inputs

Provide the details of use (operational conditions + risk management measures)



7

#### Use maps - where to find them?



ECHA use maps library

https://echa.europa.eu/csr-es-roadmap/use-maps/use-maps-library



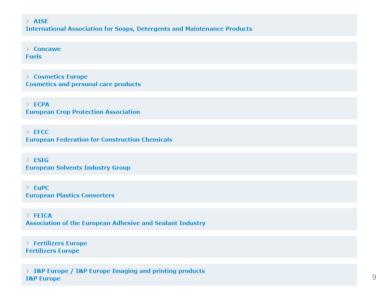
8

#### Use maps – where to find them?



#### Sectors

- Excel and Chesar files
- Sectorial guidelines



9

## **Benefits of using the Sector Use Maps**



- Quality: good use descriptions will lead to realistic conditions in the exposure scenarios
- Harmonisation : description of uses + information in the ES
- · Clarity: standard phrases
- Representativeness: covering most uses in a sector / agreed by the involved industry
- Internal procedures: formulators can use them for internal mapping of uses
- Automation : available in Excel + Chesar format
- Efficiency: avoids unnecessary communication in the supply chain

#### Cefic/DUCC Pilot on Use Maps – 3Q2018 -2Q2019



 Several suggestions for improvement were made – to be discussed further/ implemented

#### **MAIN FINDINGS**

- Registrants → CSA based on sector use maps works easily in practice at tier 1 level (Chesar, ECETOC TRA): Consistent outcome + Efficient work-flow
- Formulators → benefits materialise when all ES are based on a sector use map

11

11

#### Use maps - what's next?



- Recommendations from the pilot project
- · Other sectors to take up the challenge
- Call for **downstream users and their sector organisations** who have <u>not</u> developed use maps for their sector yet: **please engage!**
- Companies:
  - ✓ encourage your sector organisation to develop use maps
  - ✓ engage in the activities for your uses to be included
- Sectors:
  - ✓ allocate resources
  - ✓ convince your members

Use and exposure information is key to all REACH processes

17





# Use maps: who's next?

13