



This project is co-financed by the European Union and the Republic of Turkey

***Technical Assistance to Conduct Chemical Safety Assessments
under the scope of REACH Regulation
January 8th 2020***

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Royal HaskoningDHV, Netherlands





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Short introduction

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- Senior consultant Chemicals management @ Royal HaskoningDHV
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- Consortia manager REACH consortia
- Director @ ChemCon Conferences
www.chemcon.net
- ChemCon Europe 2020 (Oct 26-30)





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Overall Objective

To improve the protection of human health and environment in Turkey by implementation and enforcement of EU REACH Regulation effectively and fully



Specific Objectives and Expected Results

- To strengthen existing capacity of the governmental & industrial institutions on Chemical Safety Assessments
- To improve the chemicals management under the scope of EU-REACH Regulation by;
 - integrating chemical safety assessment tool to the existing registration system
 - updating existing registration system in accordance with ECHA's latest IUCLID6 version

Chemicals are present in every aspect of our lives.

The global aim is to ensure the highest possible level of protection for human health & the environment.



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Next step; Chemical Safety Assessment (CSA)



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Topics

- REACH Chemical Safety Assessment
- Supply chain mechanisms
- Training overview



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REACH why & how

1. Hazard & use information
2. Chemical Safety Assessment
3. e-SDS
4. Safe use



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Chemical safety assessment needs information on substance properties and conditions of use

Manufacturer

Knows the properties of the substance

- Substance identity
- Data collection and generation
- Classification
- Derivation of DNELs and PNECs
- Dossier building

Downstream user

Knows how the substance is used

- Expected products and processes
- Concentrations and amounts
- Operational conditions
- Risk management measures



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Chemical safety assessment

- Mapping of supply chain
 - Standardisation of use information
 - Operational conditions and risk management measures
 - Assessment of exposure and emission
 - Risk characterisation
 - Communication via safety data sheet
-



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extended SDS

Substance

- Properties and classification
- Regulatory information (e.g. registration number)
- Overview of registered uses

Use-specific

- Operational conditions
- Risk management measures
- Exposure estimations (if relevant)



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SDS section	
1.2	Function of the substance
7	Precautions for safe handling
8.1	Control parameters <ul style="list-style-type: none">▪ OEL▪ DNEL▪ PNEC
8.2	Exposure controls <ul style="list-style-type: none">▪ Engineering controls▪ Personal protective equipment▪ Environmental exposure controls
ES Annex	Operational conditions and risk management per use and contributing activity

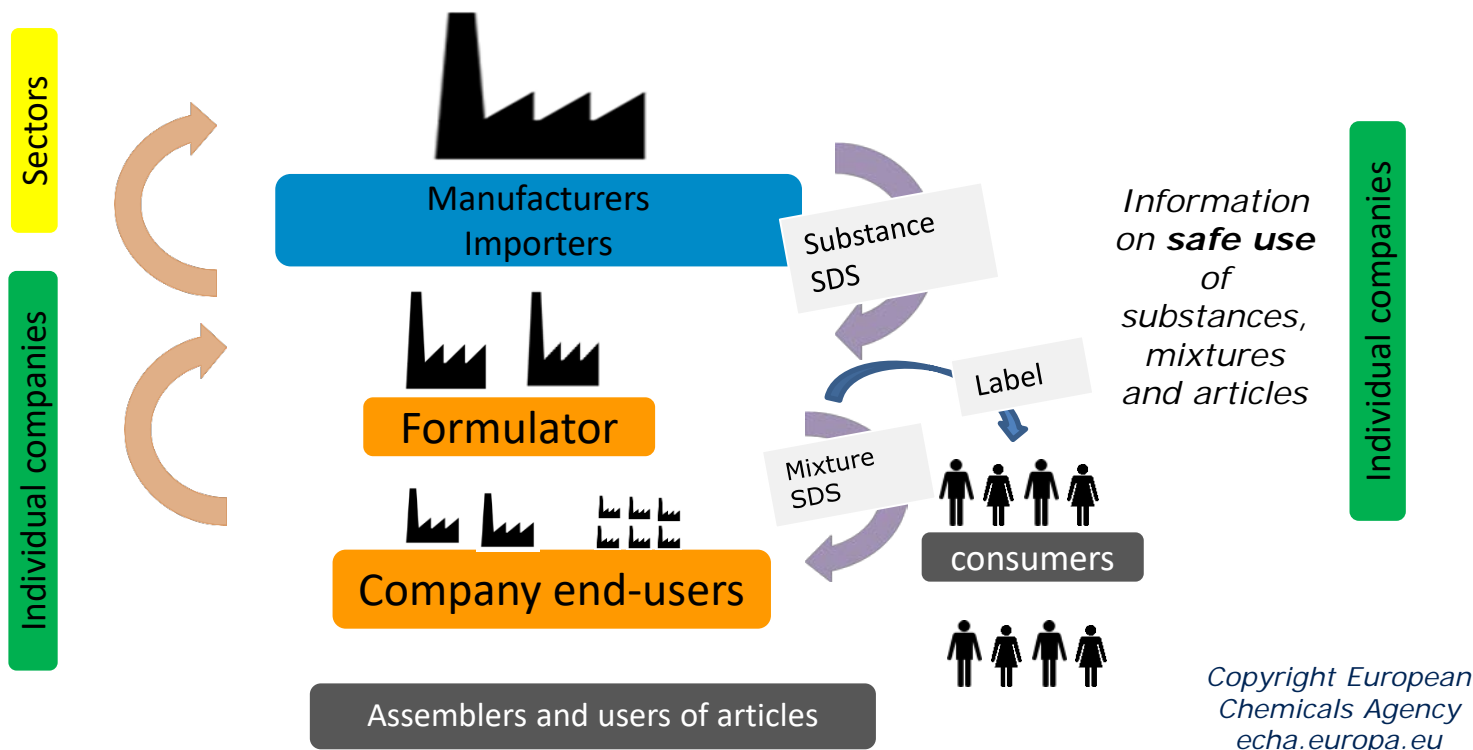


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Supply chain communication





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Key message

- CSA and supply chain communication are essential to the safe use of substances
- Proper CSA relies on adequate hazard and use information

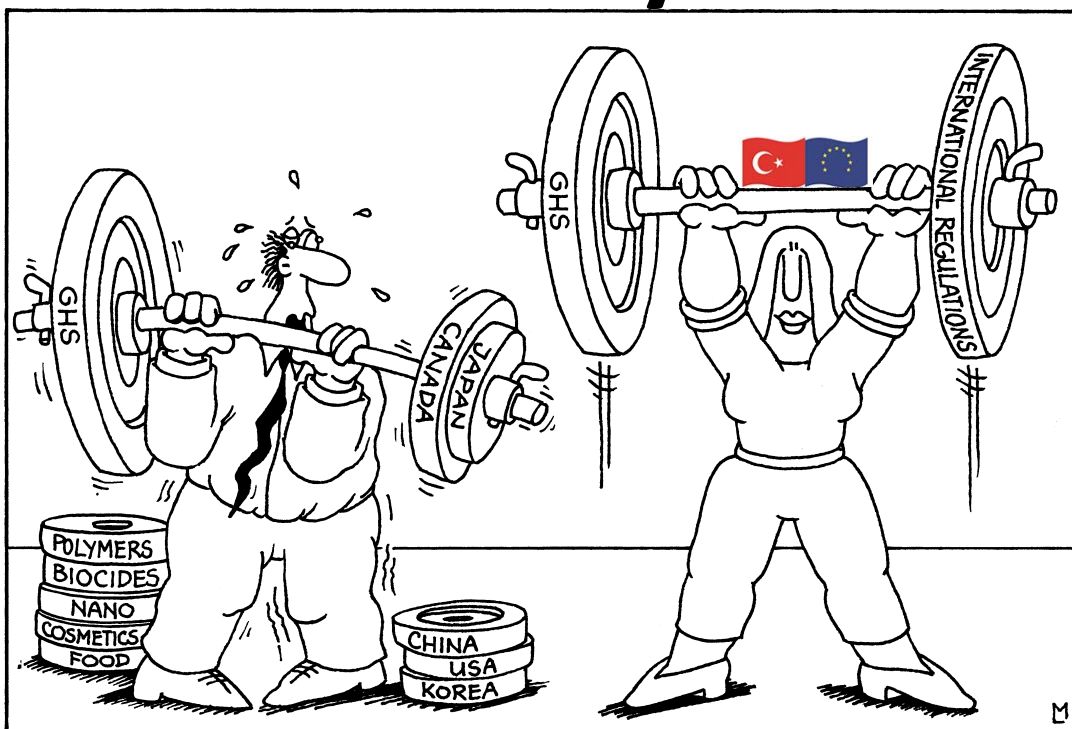
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CSA in Turkey



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Randy Cleijsen



Chris Rietveld



Leo van der Biessen



Berend Mensink



Doğa Ertürk



T.C. ÇEVRE VE
ŞEHİRCİLİK BAKANLIĞI



Çevre ve İklim Eylemi
Şehircilik Operasyonel Programı



INFORMATION SYSTEMS



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CSA train-the-trainer course for 30 participants

- C&L (CLP/SEA)
- Environmental risk assessment
- Human health risk assessment
- Exposure scenarios
- Chemical safety assessment
- Refresh and link to Turkish tools training?

!!! Digital questionnaire next week on Chemicals helpdesk website
www.kimyasallar.csb.gov.tr/duyurular
paper version in bag



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Thank you for your attention



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