

# ECHA's work on Nanomaterials

Dissemination workshop "Better  
Control of Nanomaterials"

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Abdelqader Sumrein  
Scientific Officer-Evaluation  
European Chemicals Agency



# Overview of Key activities 2015-2016

- ECHA has a new 3 year workplan on NM. **Main focus areas:**
  - Guidance clarification for NM
  - Improving dossier quality
  - Increase transparency for NM
  - Address NM of concern
  - Synergies with international and scientific activities
- NM of strategic importance-important for REACH success
- Uncertainty: Annex changes, appeals, transparency measures



# New/Update of existing guidance on nanoforms and read-across

- Clarify the term Nanoform: possible parameters include:
  - size (EU definition),
  - shape,
  - surface chemistry
- Guidance on read-across between nanoforms:
  - Scientific project with JRC, RIVM
- Possibility for Guidance and practical guides

## Clarification of Guidance

- Guidance changes for specific HH/ENV sections of R.7a, R.7b and R.7c
- Harvest knowledge from OECD, scientific projects
- ECHA NMWG as a sounding board:
  - Positive reaction and feedback
- Update in time for 2018 Registrations-PEG start by guidance moratorium 2016

## Improving dossier quality

- ECHA has sent several dossier evaluation (DEV) decisions on NMs
- Member states substance evaluation (SEV):  
Silicon dioxide
- More DEV and SEV in coming years. E.g. SEV:
  - Silver (ongoing)
  - TiO<sub>2</sub> (2016)
  - ZnO , CeO, MWCNTs (2017)
  - Carbon black (2018)
- First CLH proposal for NM

# Synergies with regulatory implementation and international activities

- OECD remains highest priority
  - Test Guidelines underpins chemical legislations
  - Assessment of the data from the sponsorship programme
  - Read Across, grouping and categorisation
  - In vitro screening methods increasingly important
- UN assessment of the applicability of GHS criteria to NM's

# Increasing transparency: new dissemination website

**Tailored** access to all information on chemicals contained in ECHA databases in **one single point of access** to

- Provide meaningful and relevant information on chemicals
- Increase the transparency
- Promote quality of data
- Promote the safe use of chemicals for consumers
- Assist regulatory authorities and concerned citizens to make informed decisions on the safe use of chemicals

# InfoCard

High-level information to concerned citizens

Understandable for the broadest audience possible

Information on hazards, classification, uses & exposure

Overview of main regulatory activities

Information in downloadable format

Chromium (VI) trioxide

↓ Other names: [IUPAC names \[18\]](#) [Regulatory processes names \[3\]](#) [Trade names \[5\]](#) ↓ Groups:    

<p><b>Substance identity</b></p> <p>EC no: 215-607-8 CAS no: 1333-82-0 Mol. formula: CrO<sub>3</sub></p> <div style="text-align: center;">  </div>	<p><b>Safety classification &amp; labelling</b></p> <div style="text-align: center;">  </div> <p><i>Danger!</i> According to the <a href="#">Harmonised Classification and Labelling</a> approved by the European Union, this is fatal if inhaled, is very toxic to aquatic life with long lasting effects, causes damage to organs through prolonged or repeated exposure, is very toxic to aquatic life, may cause cancer, causes severe skin burns and eye damage, may cause genetic defects, is toxic if swallowed, is toxic in contact with skin, may cause fire or explosion (strong oxidiser), is suspected of damaging fertility, may cause allergy or asthma symptoms or breathing difficulties if inhaled and may cause an allergic skin reaction.</p> <p>Additionally, the classification provided by companies to ECHA in <a href="#">REACH registrations</a> identifies that this substance is fatal in contact with skin and is very toxic to aquatic life.</p>	<p><b>Critical properties</b></p> <div style="text-align: center;">  </div> <p><b>Regulatory actions</b></p> <ul style="list-style-type: none"> <li>Substance of very high concern (SVHC) and included in the <a href="#">candidate list for authorisation</a>.</li> <li>Substance of very high concern requiring authorisation before it is used (<a href="#">Annex XIV of REACH</a>).</li> </ul> <p><b>Precautions and safe use</b></p> <ul style="list-style-type: none"> <li><a href="#">Precautionary measures</a> suggested by manufactures and importers of this substance.</li> <li><a href="#">Guidance on the safe use</a> of the substance provided by manufactures and importers of this substance.</li> </ul>
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**About this substance**

This substance is manufactured and/or imported in the European Economic Area in 10,000 to 100,000 tonnes per year.

This substance is used in the following products: pH regulators and water treatment products, non-metal-surface treatment products, metal surface treatment products, laboratory chemicals and adsorbents. This substance has an industrial use resulting in manufacture of another substance (use of intermediates).

Release to the environment of this substance is likely to occur from industrial use: as an intermediate step in further manufacturing of another substance (use of intermediates), as processing aid, manufacturing of the substance, formulation of mixtures, formulation in materials, in processing aids at industrial sites and in the production of articles. [...](#)

INFOCARD - last updated: 18/05/2015



# Thank you!

[Abdelqader.sumrein@echa.europa.eu](mailto:Abdelqader.sumrein@echa.europa.eu)

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