

BE NANOREGISTRY

Setting the scene



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Nanotechnology

- Nanotechnology: promising and fast expanding technology
- Lot of applications already available on the market:
 - Clothing
 - Cosmetics
 - Food
 - Water-repellents
 - Conductors
 - Packaging
 - Medicines
 - ...



Nanotechnology

BUT many questions not (yet) (completely) answered:

- What ? Where? Quantity?
 - Properties?
 - Behaviour?
 - Release?
 - Exposure?
 - Stability?
 - ... ???
- ⇒ Influence on public health?
- ⇒ Influence on environment?



Purpose of the registry

Precautionary approach - collecting categories of data:

- The characteristics of the NM's
⇒ Is there a correlation with potential (eco)toxicity ?
- The supply chain
⇒ **Traceability** of the products containing NM's
- The amount of NM's on the BE market
⇒ Gives an idea about the potential impact



RD 27th May 2014

Substances produced in nanoparticulate state have to be registered when placed on the market as a substance (>100g/year).

- Already on the market:
 - Substances before 01/01/2016
 - Annual Update before 01/04 each year
- New substances :
 - Before their placing on the market



WHO CAN REGISTER ?

Different type of account :

- **Registrant:** responsible for his own registration and places the product on the Belgian market.
- **Mandated Representative:** represent the registrant, on condition that the representative is situated in the European Economic Area.
- **Foreign supplier:** called 'foreign' because he does not place the substances by himself on the Belgian market. Voluntary registration *to help his customers (cfr. limited registration)*



'Do I have to register' (www.nanoregistration.be)

CONTENT OF THE REGISTRATION



First registration substance

- Identification of registrant
- Identification of the substance produced in nanoparticulate state
- Quantity placed on the BE market
- Use/commercial name(s)
- Identity of professional users



Identification of the substance (NP)

- Chemical identification
- Particle shape and size, distribution curve (number based)
- Agglomerates / Aggregates
- Coating
- Impurities
- Crystallographic phase
- Specific surface area
- Surface charge



Registration number ?

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Annual actualisation

- Between 1st January – 31st March
- Possibility to confirm data or specify if changes
- Specify always:
 - the quantity placed on the market during the previous calendar year
 - the identity of the professional users for the previous calendar year



Type of registration

- **Complete registration** : First registration of a substance, all the information have to be provided.
- **Limited** : the substance is already registered and the registration number is transferred to the registrant. The registrant has to register only his own professional users, uses/tradenames and the quantity he has placed on the Belgian Market.
- **Simplified** : for substances use exclusively within the framework of scientific research and development or within the framework of product and process oriented research and development



Traceability/Transparency

- Aim of the annual report : Transparency
- Art. 20 of the Royal Decree describes the confidentiality of the data in the registry
 - => guarantee for the registrants, protection of the data
- Purpose of the registry = traceability/transparency
- Dissemination of the data (cfr. France): Discuss today !



Modalities of the registration

Surf to www.nanoregistration.be

⇒ Access to on-line registration tool

⇒ The Royal Decree

⇒ FAQ's

⇒ Guidance: interpretation RD

⇒ Guidance: practical manuals

⇒ Leaflet available in NL, FR, EN

⇒ Helpdesk: info@nanoregistration.be



Thank you !

