



EUON

EUROPEAN UNION
OBSERVATORY
FOR NANOMATERIALS



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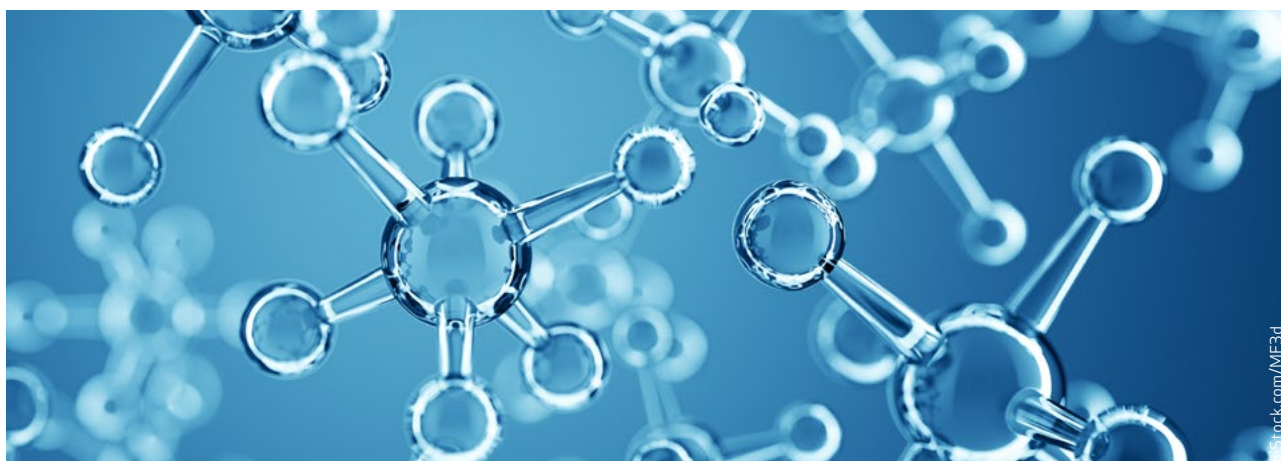
ECHA
EUROPEAN CHEMICALS AGENCY

In brief

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Information on nanomaterials

What you can find in EUON's databases



The European Union Observatory for Nanomaterials (EUON) is a central hub for information on nanomaterials on the EU market.

Whether you are a researcher, consumer, NGO or working in the nanomaterials sector – EUON offers interesting reading about the safety, applications, innovation, research and uses of nanomaterials.

It brings large amounts of data together in one place from a variety of sources and gives you easy access to different nanomaterials – their properties, safe use and how they are regulated.

This factsheet gives you an overview of the following databases:

- Search for nanomaterials – database of nanomaterials on the EU market
- NanoData – knowledgebase of research projects, industrial sectors and products
- Catalogue of cosmetic ingredients – nanomaterials used as cosmetic ingredients
- Nanopigments inventory – nanomaterials used as pigments
- eNanoMapper – data and tools for risk assessment

SEARCH FOR NANOMATERIALS

A database of hundreds of unique substances currently on the EU market.

It covers data submitted to the European Chemicals Agency (ECHA) by companies under the REACH, CLP, and Biocidal Products regulations, data from the Cosmetics Regulation and data notified in the French and Belgian national inventories.

Search results are presented with substance InfoCards that give you a wealth of information including hazard classifications and instructions for safe use.

You can also access more details on the information that has been submitted to the authorities on the substance's safety.

» euon.echa.europa.eu/search-for-nanomaterials

NANODATA

A knowledgebase with access to data on the current status of nanotechnology including research publications and projects, patents, companies and products.

The data is categorised by key sectors such as health, information and communication technology, energy, photonics and manufacturing.

It also gives you the latest news on nanomaterials and nanotechnology.

» nanodata.echa.europa.eu

CATALOGUE OF COSMETIC INGREDIENTS

A catalogue of all nanomaterials used in cosmetic products maintained by the European Commission.

It is regularly updated and provides information about the safe use of nanomaterials in cosmetics and the regulatory activities relevant to them.

» euon.echa.europa.eu/catalogue-of-cosmetic-ingredients

ENANOMAPPER

One of the largest data sources in the world on the toxicological properties of nanomaterials.

It is an EU-funded research project that developed a computational infrastructure for sharing and managing data on the safety of nanomaterials.

It comprises several different components, including a public database that contains information on nanomaterials such as toxicological, ecotoxicological, and physio-chemical characterisation data.

The database will continue to expand as results from more research projects are added.

» euon.echa.europa.eu/enanomapper

NANO PIGMENTS INVENTORY

An inventory established as part of a study commissioned by EUON in September 2018 to investigate the safe use of nano-sized pigments in consumer products, as well as their safety when used by professionals and workers.

» euon.echa.europa.eu/nano-pigments-inventory

FURTHER INFORMATION

EU Observatory for Nanomaterials (EUON)

» euon.europa.eu

Contact us

» euon.echa.europa.eu/contact