oe.cd/echemportal

Free access to health and environmental effects information prepared for government chemical programs around the world.

What can you find?

eChemPortal is an Internet gateway to information on the properties, hazards and risks of chemicals found in the environment, homes and workplaces, and in everyday products. Users can simultaneously search data from multiple data sources prepared for government chemical programs at national, regional, and international levels. eChemPortal provides descriptions of the sources and review of data stored in these participating data sources.

eChemPortal uses the OECD Harmonised Templates (www.oecd.org/ehs/templates) for data formatting. The templates ensure consistent reporting of test study report results in summary format across regulatory programs. Corresponding XML schema enable electronic exchange between IT systems.

What is our goal?

eChemPortal provides direct access to critical scientific information needed to meet public health and environmental objectives for the safe use of chemicals under proper conditions. Improving accessibility to these data increases understanding of chemical hazards and risks, changes behaviours, and reduces – or even eliminates – adverse health effects from exposures to chemicals.

Roles and Responsibilities

The Organisation for Economic Co-operation and Development (OECD) is responsible for the development and maintenance of eChemPortal, and eChemPortal is hosted by the European Chemicals Agency (ECHA).

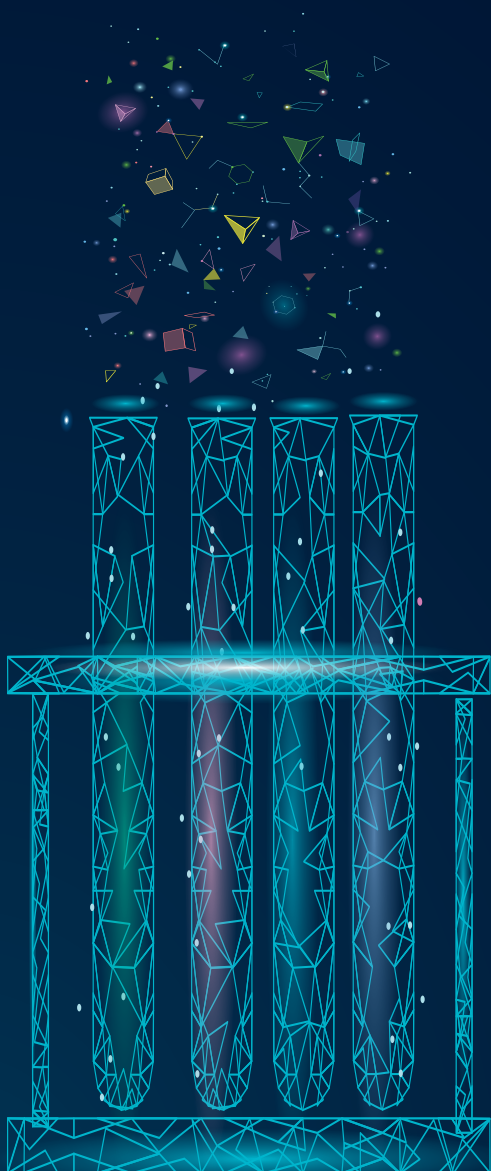
The data sources accessed through eChemPortal are maintained by and remain the responsibility of the organisations that create them. The data and information stored in each data source are the responsibility of the data owner.

Participating data sources are responsible for ensuring links from eChemPortal to their local data sources are updated.

Extending eChemPortal

Holders of Internet-accessible databases or report collections containing peer-reviewed information on physical-chemical properties, environmental fate and pathways, ecotoxicity or toxicity of chemicals, as well as their use and exposure, are invited to participate in eChemPortal.

Proposals should be submitted to the OECD Secretariat at eChemPortal@oecd.org



How to use eChemPortal

Watch the introductory video: <https://youtu.be/DJz8vO1FQok>



Search by Substance

- Chemical identifiers (CAS Registry Number [recommended], EC, IUBMB, MITI, UN, or NA numbers).
- Chemical names including synonyms and trade names in several languages.*

* Chemical identifiers other than CAS and names in different languages may only be available for specific chemicals in eChemPortal.

Substance

Tips for Number search

CAS, EC, IUBMB, MITI, UN or NA Number. Example: 108-88-3 for a CAS Number. Make sure you include the number separators. Do not search on partial Numbers.

Tips for name search

Example: Use gluta* to find Glutamic acid, use *chloro* to find dichlorobenzene. To search for * as character (non wildcard use) use ** instead.

Sources and type of information

Select all Deselect all

Types

☒ Property information
☒ Exposure and use information
☒ GHS classifications

Data sources

☒ ACToR
☒ CCR
☒ Combined Exposures
☒ ECHA REACH
☒ AGRITOX
☒ CESAR
☒ ECHA C&L inventory
☒ EFSA Open Food Tox
☒ APVMA-CR
☒ ChemInfo
☒ ECHA CHEM
☒ EnviChem



Search by Property

- Select one or more properties or effects of chemicals.*
- Save the query and search results and store them for later use.

* Not all participating databases offer direct searching of endpoint data.

Sources

Select all Deselect all

Data sources

☒ CCR
☒ J-CHECK
☒ ECHA CHEM
☒ OECD SIDS IUCLID
☒ ECHA REACH

Search Query

Search on chemical property and effects: physical and chemical properties, environmental fate and pathways, ecotoxicological and toxicological information.

Select query blocks

Short-term toxicity to fish

AND

New query block

Select query block type

☒ Physical and chemical properties
☒ Environmental fate and pathways
☒ Ecotoxicological information
☒ Toxicological information



Search by Classification

- Select one or more classification categories.*
- Save the query and search results and store them for later use.

* Not all participating databases offer direct searching of classification data.
Retrieves classifications reviewed by a regulatory body or intergovernmental organisation.

Sources (all)

GHS Classification Query

Result - Reviewed / harmonised classification and labelling

Other classification and labelling information

Click a link in the "Result at source" column to see the substance in the participants database, including information like specific concentration limits and M-Factors when available.

Hits: 1 - 2/2

CSV

EXCEL

Name	Number	Classification	Labeling	Match to criteria	Result at source
formaldehyde ...%	50-00-0 (CAS Number) 605-001-00-5	Acute toxicity, dermal 3 Acute toxicity, inhalation 3 Acute toxicity, oral 3 Skin corrosion/irritation 1B Sensitization, skin 1 Germ cell mutagenicity 2 Carcinogenicity 1B		<input checked="" type="radio"/> Filter	ECHA C&L inventory