

International data sources

Looking for data on chemicals

Handled quantities and use

Data sources for quantitative use data

- Literature
 - Handbooks
 - Encyclopedia of Chemical technology; Kirk-Othmer
 - Reports, risk assessments
 - Statistics-commodity per industrial sector
- Web publications e.g. data bases
- Direct questions

Data availability

- Mostly chemical-physical data
- Often toxicity data <http://www.kemi.se/en/Content/Databases/>
- e.g ChemIDplus, TOXNET, HSDB
- Statistics for import and export of commodities
 - <http://comtrade.un.org/db/> Worldwide UN
 - <http://madb.europa.eu/mkaccdb2/indexPubli.htm> Europe
 - <http://www.chem.cn/info/ImpExp/IEStat.aspx> China
- Sometimes production or capacity for a few substances
- Seldom quantity or distribution in different uses

Organisations with useful web-pages

- Unitar, Unep, OECD

<http://www.chem.unep.ch/irptc/sids/OECDSEIDS/INDEXCHEMIC.htm>

- Started to build a portal

[eChemPortal](#)

- ESIS, IPPC (BAT document)
 - Risk Assessment Reports, RAR
 - [ESIS](#)
- ECHA Classification and Labelling Inventory <http://echa.europa.eu/information-on-chemicals/cl-inventory>
- National authorities
<http://www.kemi.se/en/Content/Statistics/Flow-analyses-of-chemical-substances/>
- Cefic (chemicals, "Facts and Figures" <http://www.cefic.org/Facts-and-Figures/>)
- Eurochlor (chlorines), Cesio (surfactants), AISE (cleaning products), Eurocolour (paint products) etc
- Market institutes, journals

Exposure // emissions

<http://ozone.unep.org/>

http://www.chem.unep.ch/gmn/01_intregpro.htm

<http://www.epa.gov/enviro/facts/tri/>

<http://prtr.ec.europa.eu/Home.aspx>

Suggestions

- Form your own favorite library for web searches
- Use Cas-nr and IUPAC-name to screen the web
- Look for Risk Assessments Reports, RARs, chapters about use
- Extrapolate and make estimations, similar use for similar substances
- Let capacity represent production
- Check for the source, information is often re-circulated