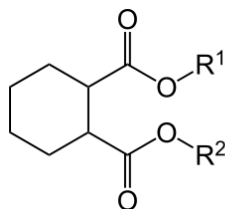


Better and more sustainable chemicals: How to find them?



ChemSelect: Sustainability Assessment of Substances and Mixtures

The online application “ChemSelect” enables a quick and easy initial sustainability assessment of substances and mixtures. You can get a sustainability profile of your chemicals or compare up to five substances or mixtures and identify which are more sustainable than the others. ChemSelect was developed by the German Environment Agency and is freely available. The application is a further development of the “Guide on sustainable chemicals”, which still gives a good introduction into the topic:

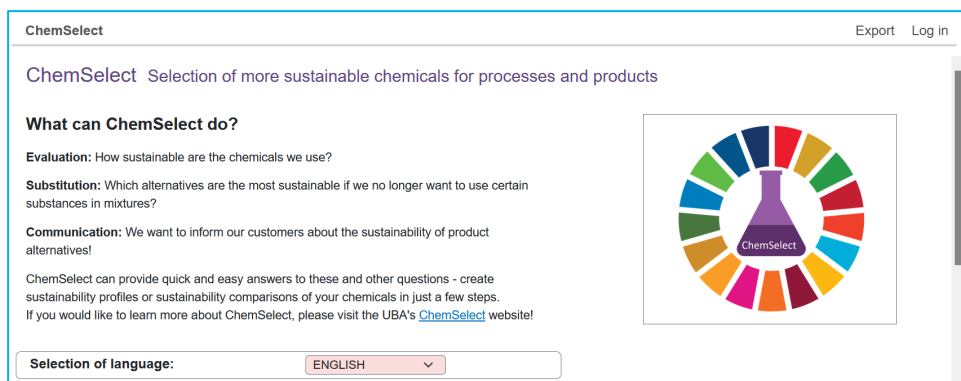
-> <https://www.umweltbundesamt.de/publikationen/guide-on-sustainable-chemicals>

Why should I look for more sustainable chemicals?

- Chemicals may have various and different impacts on human health and the environment (e.g. causing cancer or environmental damage).
- Choosing the right chemicals can help protect workers, consumers and the environment, which reduces corporate risks.
- Using sustainable chemicals can lower the costs for risk management measures.
- Sustainable chemicals will not be regulated in the future, using them ensures that your raw materials are available in the future and reduces compliance costs.

Why should I use ChemSelect?

- ChemSelect clearly highlights chemicals with problematic properties (e.g. causing cancer or environmental damage).
- It helps you to identify substances and mixtures which are safer and more sustainable than others.
- ChemSelect structures the assessment and makes the complex field of sustainability simple and manageable.
- You only need to enter basic information about your chemicals (e.g. hazard statements) that should be accessible with reasonable efforts. ChemSelect points out some valuable information sources to support you.



What are specific features of ChemSelect?

- You can assess not only substances but also chemical mixtures.
- Some assessments are automatized based on the CAS number or inherent properties of the substances. For this several lists are included, such as the EU's list of substances with a harmonized classification or regulatory lists of substances with the most problematic properties.
- ChemSelect covers many important topics: from human toxicity and global warming potential of individual substances up to supply chain responsibility of suppliers.
- ChemSelect is aligned with other sustainability schemes, such as the EU Safe and Sustainable by Design framework. At the same time, it is easy-to-use and can be applied also by small and medium sized companies.
- The results are presented via an easy-to-understand traffic light system.
- ChemSelect will be available in more than 10 languages by Q4 of 2025.

Who benefits most from ChemSelect?

ChemSelect is designed for use by small and medium-sized companies that

- produce mixtures, such as paint producers
 - use chemicals in manufacturing final products, such as toys, clothing etc.
 - offer services that require the use of chemicals, such as dry cleaners.
- ⇒ **If your company belongs to one of these, ChemSelect can become a major support for you in your chemical management.**

Here you can start: <https://chemselect.uba.de/>

Here you will find more information and supporting material:
https://www.umweltbundesamt.de/en/en_chemselect

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