



**84% of all Europeans are worried
about hazardous chemicals in
consumer products**

WHAT WE DO AT CHEMSEC

- Develop online tools to help companies switch to safer chemicals
- Challenge companies to improve their chemicals management
- Drive the political discussion on hazardous chemicals
- Inform investors about risks and opportunities in the chemical industry



CHEMSEC TOOLS

 chemsec
SIN LIST

 chemsec
SINIMILARITY

 chemsec
MARKETPLACE

 chemsec
TEXTILE GUIDE

 chemsec
CHEMSCORE

 chemsec
SIN PRODUCERS



BILLIONS OF REASONS FOR PHASING OUT TOXIC CHEMICALS

- Phasing out substances of concern from new materials would entail billions of Euros in business opportunities.
- We need to recycle more, but have to consider chemical safety alongside increased recycling rates.
- The presence of hazardous chemicals in recycled materials prevents the upscaling of circular economy.



chemsec
SIN LIST



Don't let hazardous chemicals
ruin your product!



SIN = Substitute It Now!



+1,000 toxic chemicals
+40,000 users worldwide



Tool launched in 2008



Our prediction of the
REACH Candidate List





**RISK IS
DEAD**

LET'S KILL OFF THE OLD “SALT CAN KILL YOU TOO” ARGUMENTS, SHALL WE?

Some chemical companies argue that it's fine to use hazardous chemicals in consumer products – if the risk of exposure is minimized.

But how do you calculate the risk of exposure when you don't know how the product will be handled once it's on the market?

Toxics in consumer products is not only bad for human health and the environment. It also ruins circular economy; the bad stuff is recycled along with the material.

To talk about the risk of exposure instead of the hazardous properties of chemicals is close to absurd. It's time for a change of mind.

SINIMILARITY

SINimilarity is a tool that shows if a chemical is structurally similar to a substance on the SIN List, indicating problematic properties.



**DON'T MIX
APPLES AND
ORANGES
WHEN IT
COMES TO
ESSENTIAL
USE!**



IN WHICH PRODUCTS CAN WE ACCEPT HAZARDOUS CHEMICALS?

Let's do an experiment.

Ask the question: Which products are essential? You will probably find yourself lost in an interesting, but seemingly never-ending, discussion.

Instead, ask: Which products are so essential that they need to be used even if they contain chemicals that may harm human health or the environment?



SIN PRODUCERS

SIN Producers is a database aimed at investors, listing companies that are producing or importing hazardous chemicals.





THE ULTIMATE GUIDE TO CHEATING EUROPEAN CHEMICAL REGULATION

Ever wondered how companies can put (and keep) harmful chemicals on the EU market? Wonder no more.

ChemSec has the ultimate guide on how to cheat EU chemicals regulation and get away with it.

In 7 easy steps, we'll teach you how to dodge regulation, delay controls and keep your toxic chemicals on the market for a long, long time.



 chemsec
MARKETPLACE

Our tool Marketplace gathers all safe and green chemistry innovations in one place, making it easier to find the perfect match for your product.



IT'S NOT SUSTAINABLE UNLESS IT'S ALSO SAFE

Hazardous chemicals can never be identified as safe and sustainable. That has to be the foundation of the Safe & Sustainable by Design criteria being developed now.

The criteria need be ambitious and comprehensive. They also need to be introduced yesterday.

So, in addition to the lack of hazardous chemicals, Safe & Sustainable by Design should also take CO₂ emissions into account from the start.

Then add more parameters over time, so that industry can prepare and adjust.

chemsec
CHEMSCORE

Investor tool ChemScore ranks the world's top chemical producers on their work to reduce their chemical footprint.





THE PROMISED LAND OF CHEMICAL RECYCLING IS CLOUDED BY SHORTCUTS

Chemical recycling is a golden opportunity to meet the future demand of recycled materials.

It also provides ample opportunity for making a lot of money.

This combination often results in values like sustainability and transparency being thrown out the window.



TEXTILE GUIDE

The Textile Guide walks you through the process of chemicals management from a textile industry perspective.





HOW TO REDUCE ANIMAL TESTING AND INCREASE CHEMICAL SAFETY

- Make better use of academic studies to support regulation
- Use the precautionary principle to avoid “paralysis by analysis”
- Use data from similar compounds: Read-across
- Regulate chemicals in groups instead of one-by-one
- Regulate based on intrinsic hazard properties and avoid costly risk-assessments
- Support development of non-animal methods

No to PFAS

CHEMSEC'S CORPORATE PFAS MOVEMENT



THE PFAS MOVEMENT HAS 50+ MEMBERS

These companies are moving away from PFAS and support legislative action against “forever chemicals” as a group. Should your company be here? Your voice is needed!



FIND US HERE!

- Website: chemsec.org
- LinkedIn: [@chemsec](https://www.linkedin.com/company/chemsec)
- Twitter: [@chemsec](https://twitter.com/chemsec)
- Facebook: [@ChemSecSweden](https://www.facebook.com/ChemSecSweden)
- Instagram: [@chemsecsweden](https://www.instagram.com/chemsecsweden)

