CHEMICAL & PRODUCT SAFETY

Ensuring chemical and product safety using emerging technology and state-of-the-art risk assessment practices

ToxMinds is composed of a core team of experienced (eco)toxicology consultants, supported by a group of highly motivated research analysts. We closely follow developments in regulatory toxicology, focusing specifically on predictive toxicology, endocrine disruption and new risk assessment concepts. Our motivation is to apply emerging methodologies in the chemical risk assessment process to avoid animal testing.

Our chemical & product safety services include:

- Comprehensive literature searches using public or proprietary databases
- QSAR-based (eco)toxicological hazard profiling and metabolism prediction
- Analogue identification and OECD/ECHA RAAF-compliant analogue- and grouping-based read across justifications
- Toxicological data gap analysis and identification of testing strategies under special consideration of non-animal testing approaches
- Weight-of-evidence based hazard assessments and characterisations
- Assessment of endocrine disrupting properties
- Design and management of NAM's-based and (eco)toxicology testing programmes
- Human & environmental exposure and risk assessments in compliance with regulatory frameworks
- Development of strategies to resolve complex health or environmental issues
- Hazard screening and prioritisation of chemical palettes and R&D developments ('safe and sustainable by design')

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