

Environmental sciences

Assessment of the potential fate and effects of chemical substances and products entering the environment is a key part of the regulatory and registration process. Sagentia Regulatory's environmental fate and exposure specialists and ecotoxicologists ensure regulatory requirements are met by advising on testing strategies, performing environmental modelling, assessing potential exposure, setting endpoints, risk characterisation and recommending mitigation measures to ensure substances and products from all chemical sectors are safe when used responsibly.

We have successfully represented clients at EFSA and ECHA, applied read-across and data-waiving approaches to reduce testing and the associated costs for registration dossiers. Our specialists have broad experience in understanding the fate and behaviour of substances in the environment and conducting representative modelling exercises to quantify exposure using standard and higher tier models for use in environmental risk assessments of pesticides, biocides and general chemicals. We also have extensive experience in ecotoxicology assessments, including higher-tier assessments and providing strategic advice.

Our services include

- Horizon scanning implications of new/ evolving guidance
- Strategic advice and registrability assessments
- Data gap analysis
- Advice on testing strategy
- Study monitoring, including study placement and protocol review
- Dossier preparation for biocides and plant protection products
- Environmental fate modelling, according to FOCUS and national requirements
- Environmental risk assessment
- Chemical safety reports (REACH)
- Assessment of a wide variety of biocidal product types
- Advice and support on Classification & Labelling
- Representation at National Authorities, European Commission, ECHA



Integrated environmental science expertise

Sagentia Regulatory brings together expertise in environmental fate modelling, ecotoxicology, risk assessment, data interpretation, hazard assessment and characterisation of substances, supporting companies in demonstrating that substances and products from all chemical sectors are safe when used responsibly. Experience spanning industry, research and government enables regulatory expectations to be anticipated and addressed efficiently.



About Sagentia Regulatory

For over 35 years, Sagentia Regulatory (formerly TSG Consulting) has provided companies around the world with regulatory guidance and scientific expertise. Our experts are highly knowledgeable in the core sciences and the public policy decisions that are used to structure and implement environmental and chemical regulations. By combining this knowledge with our industry experience, we provide companies with comprehensive services from the early stages of product development to marketplace entry and ongoing compliance.

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