

Chemical management and compliance

There are approximately 100,000– 200,000 different chemical substances (including polymers) traded between businesses and in our everyday products.

Around 200 of these have already been identified by global regulatory schemes as Substances of Concern; in the next 10 years, this figure will likely rise to 2,000. Most organizations buy chemicals – either directly or within products – and so it is crucial to understand your compliance responsibilities and the associated risks of non-compliance.

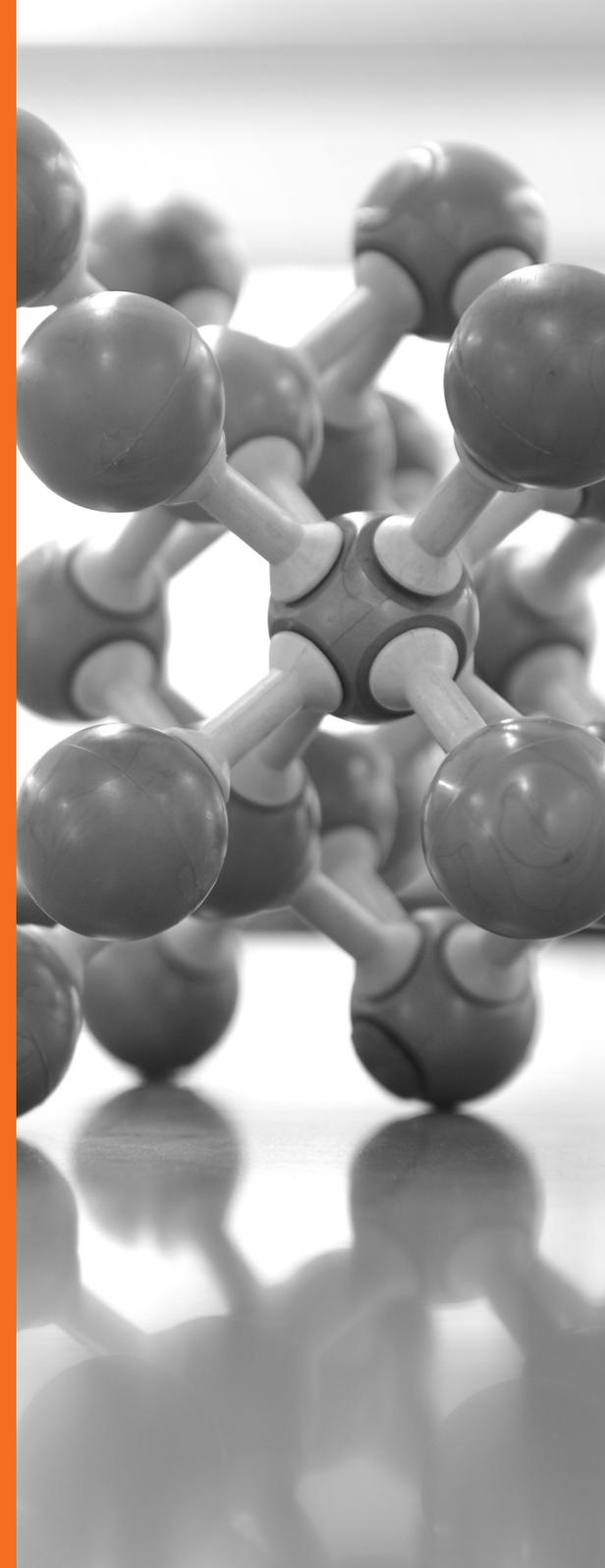
Transparency around chemicals in supply chains is a significant challenge and, if you deal with products in different jurisdictions, this can be made more challenging still due to different prioritizations and timescales. Anthesis has over 15 years' experience in offering a wide range of chemical management services and solutions to support organizations working across the globe.

Our approach and services

Our approach is based on deep subject matter expertise with a combination of industry and government experience to implement approaches that deliver meaningful and lasting environmental, social, and economic benefits.

Regulatory compliance

- Direct consulting services to support companies in chemical, and related, supply chains
- Classifying substances and mixtures to local jurisdictional implementation of GHS
- Safety Data Sheet authoring service, or review and maintenance services.
- Only Representative services for North American companies trading in Europe, and those companies trading with, and/ or in, the European Economic Area.
- Third Party Representative services to support companies in the chemical, and related, supply chains.
- Compliance auditing from the perspective of chemical legislation, such as REACH and other REACH-like systems.
- Identifying precise substance definitions as required by regulations such as REACH and other REACH-like systems.
- Support with the identification of and compliance with global food contact requirements.
- Characterizing complex substances, such as substances of Unknown, Variable, Complex or Biological composition (UVCBs).
- **Europe:** CLP notifications, PPORD and REACH Registration dossiers for joint and lead registrants, together with consultancy services for substances subject to REACH Evaluation and Authorization.
- **US:** developing management strategies for State reporting and other product characterization for the supply chain, including retailers and architects, support with Proposition 65 and managing Pre-manufacturing Notifications under the Toxic Substance Control Act (TSCA).



Our approach and services continued

Targeted substance support

- Providing advice on substance identity issues for polymers in various regulatory regimes, and related hazard.
- Direct consulting services to support companies in chemical, and related, supply chains Managing Alternative Assessment processes, Substitution Planning and Implementation, and conducting Socio-Economic Impact Assessments (such as those required by REACH Authorization).
- **Europe:** tracking Substances of Very High Concern (SVHCs) within manufactured and imported articles; developing, managing and/or peer reviewing applications for Authorization under REACH.
- **US:** management of Work Plan chemicals and the TSCA reform.

Sustainable procurement, green chemistry, chemical management and green claims

- Characterizing chemical footprints and tracking substances through the supply chain.
- Identifying potential areas of chemical concern in the supply chain, particularly in the consumer products and building materials sectors to support the development of appropriate strategies.
- Tracking, reporting and green chemistry.
- Carrying out risk assessment, giving appropriate weighting to hazard and exposure.
- Assessing alternative chemistries and technologies over their life cycles.
- Assessing the validity of claims made about “green” products and technologies, with reference to guidance from the Federal Trade Commission.
- Providing comprehensive advice about designing and implementing sustainable procurement strategies.

- Green certification schemes guidance Cross-cutting services.
- Forming and managing international Consortia and Task Forces, allowing industry members to pool resources.
- when addressing regulatory, health, and environmental issues.
- Providing impartial advice and acting as a trustee for confidential business information.
- Direct consulting services to support companies in chemical, and related, supply chains.

Other specialist services

- Working in accordance with the Montreal and Kyoto Protocols, including modelling life cycle impacts emanating from installed products.
- Advising on waste management practices related to disposing of CFCs, other potent greenhouse gases, and hazardous chemical waste streams.
- Addressing recycling challenges with contaminated materials.

Case study: Target's chemical management policy

Anthesis assisted Target with the development of a comprehensive retail chemical strategy that includes not only the products on store shelves, but goes beyond to address the entire value chain and operations. The policy drives transparency, proactive chemical management and innovation across all of Target's owned and national brand consumer products, supply chain manufacturing processes and within its in-store operations. We also worked with Target to develop category specific, time bound and measurable goals.

Our experience

We have over 15 years' international experience in the chemical management services outlined, and a reputation for finding common ground among stakeholders within consortia. Our clients include: Alkanolamine Borates, Resorcinol and ATC REACH consortia, and a range of corporate, non-governmental and government organizations.

About Anthesis

Anthesis is a global sustainability services and solutions provider, which believes that commercial success and sustainability go hand in hand. We develop financially driven sustainability strategies, underpinned by technical expertise and delivered by innovative collaborative teams across the world.

The company combines the reach of big professional services groups with the deep expertise of boutiques. Anthesis has clients across industry sectors from corporate multinationals such as Reckitt Benckiser, Cisco, Tesco, The North Face and Target. The company brings together expertise from countries around the world and has offices in the U.S., Canada, Colombia, the UK, Ireland, Italy, Germany, Sweden, Spain, Andorra, Finland, China, the Philippines and the Middle East.

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