



Human Health and Environmental Safety: "It's all about the data"

Safety and regulatory practices worldwide are demanding more data and better data across multiple human health toxicological, ecotoxicological and environmental fate endpoints than ever before. These heightened data requirements place significant resource burdens on companies whose staffs are already lean. ARCADIS helps clients compile and synthesize human health and environmental data for a broad range of applications, in an intelligent and cost-effective manner.

Data-intensive initiatives with international implications are growing and include the Globally Harmonized System for Chemical Classification and Labelling (GHS), REACH (Registration, Evaluation, and Authorization of Chemicals), the Canadian Domestic Substances List (DSL), High Production Volume Chemical Assessments, and Chemical Assessment and Management Program (ChAMP). These and others regulations address a wide range of public stakeholder expectations, such as consumer safety, worker safety, community right-to-know, environmental impact, and sustainability.

From our corporate-bred experience, we have an understanding of business needs and processes to enhance global chemical safety and regulatory compliance. Most of our clients strive for cohesiveness and global consistency in their safety assessments and regulatory submissions, and this requires robust and flexible databases. Within ARCADIS we have an Applied Information Technologies group that assists clients with data management and hosts IUCLID 5 on a dedicated server in our data center in Denver, Colorado. We host client unique instances of IUCLID 5 on an outsource basis for numerous fortune 100 clients and REACH Consortia. In total we have handled over 20,000 human health and ecotoxicological studies and provided REACH and GHS support for close to 2,000 substances often intersecting across a wide range of supply chains.

We help our clients comply with both external regulatory requirements and internal corporate safety policies. For example, for GHS compliance in Asia-Pacific alone, we have classified well over 1,000 substances to date. These data form the basis for Material Safety Data Sheets and product labels, and will also be incorporated into CSA/CSR's under REACH.

For more information:

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ARCADIS is hosting
instances of IUCLID
5 on an outsource
basis for numerous
fortune 100 clients

We work seamlessly with corporate scientists in internal teams to implement corporate policies and practices to support corporate safety standards and compliance goals. We have provided support, at times on-site, for clients in the chemicals and consumer products industries. Our work includes creating and updating hazard and exposure assessments, preparing regulatory reports and submissions, global compliance reviews, and sustainability bench-marking.