Sphera

Safer, More Productive Operations with Better
CHEMICAL MANAGEMENT

Providing the right information about on-site chemicals and hazardous materials the right way is crucial to keeping your employees safe and staying compliant across your operation.

Sphera's Chemical Management software

offers powerful tools and analytics to increase efficiency and reduce risk while handling, transporting, and storing these products.

Our feature-rich solution can help you achieve full transparency throughout your chemical data lifecycle:

Searchable, Reportable Information with Safety Data Sheet (SDS) Indexing

Sphera integrates SDSs sent by suppliers and manufacturers and indexes key information including the material name and product codes, into your database.

Manage Materials Across the Enterprise

Access organized lists of chemical inventory, location, SDS and vendor information so you can properly manage compliance information, necessary PPE and critical processes and tasks.

Efficiently Meet "Right to Know" Requirements with SDS Quick Search:

Employees can search, view, and print SDSs, with advanced search features and flexible naming options that allow you to reflect internal names in your database.

Optimize the Supply Chain

Gain insights into your supply chain by identifying which products you are getting from which manufacturers and find opportunities to consolidate and standardize.

Prevent Inaccurate Data and Duplication with Version Management:

Sphera updates our centralized SDS master database and seamlessly delivers them to your Chemical Management software when:

- We receive them from a manufacturer or distributor
- We receive updates from other customers

Sphera will also incorporate any SDS information you send us and will conduct a verification process every two years to ensure the most current version is on file.

Run reports instantly and view them before exporting

Generate reports in our user-friendly interface based on a variety of optional fields and filters and save report criteria to expedite future reports.

With Sphera's Chemical Management software, you and your teams can access the information you need to keep operations running smoothly and safety. Our Express Chemical Management option allows you to access the right features to manage your Chemical Management program at the right price. **Contact us to learn more about Sphera's Chemical Management Software**

Case Studies: Visualize and Manage Process Safety Risk in Operations

Despite mature approaches to process safety management throughout the asset lifecycle, major accidents still occur. The EPSC research underpinning *Process Safety Fundamentals* identifies the heart of the problem; how facilities are operated and maintained is critical to sustain process safety barriers. (The challenge is that operational risks arise from a complicated set of interrelated parameters that are viewed and managed in differing ways, depending on the role and function within the organization.)

This workshop will share two practical case studies of Operational Risk Management Digital Twin implementations that connect process safety to the frontline. These implementations provided barrier-based visualizations and management tools to deliver an enterprise-wide understanding of how planned work activities and critical equipment status impacts process safety risk.

Aspects to be discussed in an interactive setting:

- Are our facilities getting any safer, and where should we focus on to deliver improvements?
- The role of digital twin technology in managing operational risk
- Explore data sources and underpinning barrier models for constructing an Operational Risk Management digital twin
- Two practical case studies of implementations which used barrier-based risk models to surface systemic risk
- A maturity model to help explore the next steps for your digital twin journey, sharing some practical take-aways

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