



CAS CUSTOM SERVICESSM

IMPROVING SUPPLY CHAIN MANAGEMENT WITH INTEGRATED, RELIABLE REGULATORY DATA

Solution success story

The challenge: Reporting regulated chemicals across global supply chains

As the world leader in chemical warehousing, transportation, and freight forwarding, **Rinchem safely manages the logistics of billions of pounds of chemicals each year.** With regulated materials in constant global transit, Rinchem continually innovates to optimize supply chain management and to always ensure compliance with complex chemical regulations across the globe, which is critical for its extensive customer base.

Through continuous enhancements to their cloud-based software, Chem-Star[®], Rinchem has revolutionized the management of chemical inventories and distribution. Equipped with real-time GPS tracking and reports, the proprietary system provides customers with 24/7 visibility across their supply chain and direct access to data for streamlined chemical management.

Despite the advancements brought by Chem-Star[®], **handling regulated substances remained a challenge exacerbated by the frequently shifting chemical regulatory landscape and inconsistent requirements across regions.** To mitigate risks of non-compliance and ensure operational transparency, Chem-Star[®] requires continuous monitoring of global regulatory information, a daunting task considering the extensive number of resources involved.

Committed to supporting their customers in maintaining the highest standards of compliance and safety, Rinchem sought to partner with an expert in regulatory data management to swiftly integrate authoritative, up-to-date substance information directly into their system.

The solution: Integrating human-curated regulatory information for easy access through a proprietary system

Rinchem partnered with CAS, the leading authority on chemical substance identification and CAS Registry Numbers®. This unique numerical identifier system, universally used by governmental agencies and regulatory bodies worldwide, is key to ensuring standardized reporting and compliance for regulated substances.

Collaborating closely, the Rinchem and CAS Custom ServicesSM teams identified the chemicals and regulatory frameworks to prioritize. Thanks to their daily curation process, CAS scientists already had access to essential substances and regulatory content, which still required meticulous refinement to tailor the results to Rinchem's objectives and proprietary software. **In just a few months, the CAS solution team successfully extracted and verified global regulatory details** for 122,632 unique compounds, ensuring data accuracy prior to Chem-Star® integration.

After consulting the Chem-Star® team, CAS data specialists delivered data in an optimal format specifically designed for seamless integration into the company's proprietary system. Integrating CAS curated regulatory content into Chem-Star® not only simplifies compliance but enhances the system's responsiveness to regulatory changes, ensuring that Rinchem remains a step ahead in safety and compliance standards.

With annual updates and ongoing enhancements from CAS, Rinchem continues to refine Chem-Star® to remain at the forefront of operational excellence and strengthen the resilience of global chemical supply chains.

"This collaboration [with CAS] highlighted the immense value of partnerships in advancing our safety protocols and reinforcing our commitment to responsible stewardship as a chemical distributor."

Melody Moore, Rinchem Director of Quality and ES&H

Find out how **CAS Custom Services** can help you transform scientific data into actionable, evidence-based insights that maximize investment and fuel success. Learn more at cas.org.

Rinchem Company, LLC, is a chemical management solutions provider with proven expertise in creating and managing safe and efficient supply chains for high purity, pre-packaged chemicals and gases. Learn more at rinchem.com.