Success Stories

PRAXAIR

Making our planet more productive.

Praxair leverages Lisam Systems' specialized Safety Data Sheet and Label Solution addressing Gas Classification and compliant with GHS

Praxair, Inc., a U.S. Fortune 250 company, is the largest industrial gases company in North and South America and one of the largest worldwide. The company produces, sells and distributes atmospheric, process and specialty gases, as well as high-performance surface coatings. With its products, services and technologies, Praxair strives to make the planet more productive by bringing efficiency and environmental benefits to a wide variety of industries, including aerospace, chemicals, food and beverage, electronics, energy, health-care, manufacturing, metals and many others.

Success Stories

Safety Data Sheet (SDS) Authoring in ExESS®

Lisam and Praxair have a long-time working relationship that began in Europe many years ago when Praxair began using the legacy Lisam Omnis SDS and labeling software and the associated Gas Classification Modules/GCMs (for gas mixtures). Lisam's Omnis is currently deployed at multiple Praxair operations across Europe. The two companies are also active participants in the European Industrial Gases Association (EIGA) and the Compressed Gas Association (CGA) in North America. Lisam is helping to meet the specific SDS needs of the EIGA and CGA membership through data sharing as well as a template and module development program.

Based on their strong working relationship, Praxair chose to work with Lisam again when looking for a new software solution to update its' MSDSs to GHS in the United States. Using ExESS, Praxair was able to efficiently convert its old MSDSs to compliant GHS SDSs for a wide variety of products. As follow-on to the successful GHS conversion in the United States., Praxair is now starting to roll out ExESS worldwide as a global authoring platform.

ExESS for Label Automation

Working together in the E.U., Lisam and Praxair designed and implemented several customized Omnis add-on programs for semi-automated generation of specialty product labels. These solutions integrate with the inputs and outputs of various enterprise operations and fulfillment systems, and as a result enable highly productive business processes.

Using the flexible ExESS platform, Lisam and Praxair worked to quickly retool ExESS to replace a legacy Praxair internal specialty label creation program with a new GHS-compliant, web-enabled version. The extensive data import capabilities of ExESS also made it easy to bring over Praxair-compiled specialized product data and additional hazards information. This enhanced the Praxair SDS and product label content, ultimately maximizing the safety of end users of Praxair products.

Praxair Leverages Lisam

Praxair used Lisam's Gas Classification module (GCM) for GHS, that leverages their compliance management solution, ExESS, an automated safety data sheet (SDS) content builder that simplifies the creation of documents for gas mixtures. It enables companies within the industrial and specialty gases industry to comply with the latest CGA and EIGA standards, as well as with current regulations. By using the ExESS GCM, Praxair EHS users were able create a fully compliant SDS for a specific gas, by leveraging its' built-in processes which allow users to; build compositions, integrate EIGA approved content, calculate the DPD/CLP classification and transport profile of a mixture, import and export data, leverage CGA and EIGA-approved SDS for 150 pure gases, access classification and labeling information for 300 pure substances and a library of 600 phrases common to gases, in over 20 languages, access ADR / IATA / IMDG dangerous goods lists and print their labels directly from ExESS, including "banana" labels for the Compressed Gas Industry.

Global IT Solutions
Environment, Health & Safety

PRAXAIR is a registered trademark of Praxair Technologies, Inc. in the U.S. and other countries.

Success Stories

About Lisam Systems

Lisam Systems is an established international provider of Environmental Health and Safety (EHS) compliance management software solutions and services. Our flexible, user-friendly and cost-effective solution empowers over 800 clients and EHS teams worldwide to reduce their costs, improve processes, and minimize the risk of non-compliance with global regulations, such as GHS and REACH.

Our enterprise-wide solution, ExESS®, creates, manages and distributes GHS-compliant safety data sheets (SDS) and labels for all major commercial markets. It leverages fully integrated regulatory and transportation content libraries and can generate output in nearly 50 languages. Specialized vertical compliance modules are also seamlessly integrated within ExESS, offering an automated solution and access to industry-specific regulatory information.

Contact Us

For more information call us today at toll free 1.888.871.0884 or 979.307.7380 and visit www.lisam.com, select the USA location.

Lisam Systems America
3091 University Dr.East, Suite 430
Bryan, TX 77802

Tel: 979.307.7380
Toll Free: 888.871.0884
Fax: 979.774.0559
Email: info.us@lisam.com
www.lisam.com

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