

# EXESS Safety Data Sheet COMPLIANCE SOLUTION



Lisam's 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 phrase and transportation content libraries, in almost 50 languages. Built on flexible and scalable Microsoft .NET technology, ExESS delivers a global, user-friendly, customizable SDS authoring and distribution platform with multilingual user interfaces, and offers multilingual document generation.

## **ExESS® offers integrated modular solutions for:**

- *Authoring, management and distribution of SDS Safety Data Sheets*
- *Substance volume tracking and reporting*
- *Label generation*
- *Workplace Safety Cards and instructions*
- *Chemicals and inventory management*
- *Accident and incident management*
- *Document management*



**Global IT Solutions**

*Environment, Health & Safety*

# EXESS SAFETY DATA SHEET Compliance Solution



## *Easy to Configure and Customize*

ExESS® EH&S applications are easy to use and flexible to configure. Customize, modify or create screens and report templates or set-up custom approval and validation processes during formulation or document generation.

## *Built on Microsoft Technology*

As a Microsoft Certified Partner, Lisam has developed its technology using Microsoft .NET. Being fully compatible with Microsoft Office products and tools makes the software easy to use, configure, modify and customize. A familiar interface enables users to quickly learn the ExESS software leading to a rapid implementation process.

## *Integration with ERP and Third Party Systems*

ExESS® provides a powerful, open strategy for integrating with customer and third party content. The software allows for real-time API integration with a broad range of enterprise systems, and batch integration with built-in integration tools. Lisam's customers evidence the successful integration of ExESS® with many different ERP systems including SAP, Microsoft Dynamics/Navision, JD Edwards, PeopleSoft, Oracle, ProcessPro and others, as well as in-house ERP systems.

## *Choice of Integrated Regulatory Content Providers*

Lisam Systems offers a wide variety of cost effective, integrated regulatory content options, such as Lisam OEL lists, EU GHS and REACH libraries, and US State/Federal lists. One key differentiator is that Lisam also offers clients the choice of fully integrated third party regional libraries, including BIG for the EU, JCDB for Japan, SRICI for China, or ChemADVISOR's LOLI® for global content. All options include automated "push button" content updates.

## **ExESS Industry Solutions include:**

ExESS® Gas Classification Module (GCM) for the Industrial & Specialty Gases industry (created with EIGA and CGA)

ExESS® IFRA Cosmetics Module

ExESS® IFRA Fragrances Module

ExESS® IFRA Detergents Module





# EXESS SDS Software Features

## *Regulatory Rule Sets*

The calculators and rule sets provided by Lisam include; GHS substance and preparation classification calculators for the EU GHS/CLP/DPD, GHS for UN, Japan, Korea, in the USA and Canada, the OSHA and ANSI guidelines, etc. Transportation classifications include; ADR/RID/ADN, DOT, ICAO/IATA, IMDG, UN RTDG.

In addition, country specific classifications such as the Austrian VbF, the German BetrSichV, Störfallverordnung and WGK, VOCs for EU and US, the Swiss VOCV, the Danish MAL and the US NFPA and HMIS ratings are also provided in ExESS®. Further, Lisam provides occupational exposure limit values and caters for biological limit values, SEVESO etc.

## *Built on Microsoft Technology*

The ExESS® classification view allows users to review the actual calculation and data (including source) used to come to a final classification result.

## *Document Templates*

A wide range of multilingual templates are available: M/SDS documents (fully compliant with ANSI Z400.1-2010, REACH Annex II, and GHS/JIS for Japan, Korea etc.), Labels, Safety Instruction Cards.

## *Reporting*

ExESS® also has a very flexible, user-friendly report layout designer and template editor which allows creation of new and modified report templates and the built-in MS Word and MS Excel report template generator caters for both individual (single) and batch (bulk) reporting.

## *Phrase & Pictogram Libraries*

ExESS contains more than 14,000 pre-defined Lisam phrases and text-snippets, and over 6000 Lisam and industry validated phrases translated into almost 50 languages. Lisam's libraries also contain more than 500 pictograms. Lisam offers fully integrated third-party phrase license options for SDS (MSDS) and eSDS in up to 30 languages and the ability to easily import and use the clients own phrase library.

## *Import/Export*

Flexible, simple and scalable data import and export functions for phrases, data and templates (XML, txt, Excel, etc.).

## **ExESS SDS template formats as of version 15.1:**

### ***Available for the following countries and their directives:***

EU, UN, United States, Canada, Brazil, Mexico, Japan, China, Korea, Australia, Taiwan, Thailand, Singapore.

## **GHS classification calculators in ExESS version 15.1:**

### ***Available for the following countries and their directives:***

EU, UN, United States, Canada, Brazil, Mexico, Japan, China, Korea, Australia, Taiwan, Thailand, Singapore.



# EXESS SDS Software Features

## *Data Management*

Many features are available in ExESS to ensure efficient data handling and management. These include:

- Input screens to streamline SDS (MSDS) authoring and management.
- Over 300-400 predefined property fields with the ability to add new/edit existing fields
- User-friendly Application Designer to modify existing properties and screens and create new ones; scripting in each property field for total flexibility and control
- Data gap analysis and intelligent Google SEARCH functions

## *Family Data Inheritance*

Flexible product setup and management allows users the options to copy or inherit product family data; inherited product data is automatically updated when the product family is updated. Copied product data remains unchanged when the source changes.

## *Change Tracking*

Full audit log available tracking user changes down to field level.

## *Versioning*

Automated versioning with major and minor change management and automatic re-numbering of document versions; detailed and automated version change tracking.

## *Automated Messaging/Warnings*

Missing translations, mismatched classifications and many other warning and error messages guide user in SDS (MSDS) authoring process.

## *Document Distribution*

Lisam's PUBLICHEM module provides ExESS users a complete document management system. Functionalities include circulation, updating and distribution of safety documents with electronic records for all activity. A web-based interface is also available.





## 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<sup>®</sup>, 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](http://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](mailto:info.us@lisam.com)

**[www.lisam.com](http://www.lisam.com)**

**Global IT Solutions**

*Environment, Health & Safety*

# Lisam Systems

## WORLDWIDE LOCATIONS



### Global Headquarters

Belgium, Ecaussinnes

Phone: +32 67 49 00 03

Email: [info.eu@lisam.com](mailto:info.eu@lisam.com)

Belgium, Zwevegem

**Lisam Systems**

Phone: +32 56 37 26 37

Email: [info.eu@lisam.com](mailto:info.eu@lisam.com)

Brazil, São Paulo

**Lisam Systems Ltd.**

Phone: +55 11 4302 5010

Email: [vendas\\_br@lisam.com](mailto:vendas_br@lisam.com)

Canada, Montréal, Québec

**Lisam Systems Canada Inc.**

Phone: 1 (514) 600-0929

Email: [info.ca@lisam.com](mailto:info.ca@lisam.com)

France, Passel

**Lisam Services Telegis**

Phone: +33 3 44 44 25 00

Email: [info.fr@lisam.com](mailto:info.fr@lisam.com)

Germany, Berlin

**Lisam Systems Deutschland GmbH**

c/o P5 Business Center

Phone: +49 (0)302 693 1331

Email: [info.eu@lisam.com](mailto:info.eu@lisam.com)

USA, Bryan, Texas

**Lisam America HQ**

Phone: 1 (979) 307-7380

Toll Free: 1 (888) 871-0884

Email: [info.us@lisam.com](mailto:info.us@lisam.com)

Mexico

**Lisam Systems North America**

Phone: 01 (55) 5985.0655

Email: [informacion@lisam.mx](mailto:informacion@lisam.mx)

Romania, Cluj-Napoca

**Lisam Systems**

Phone: +40 722 366 966

Email: [info.ro@lisam.com](mailto:info.ro@lisam.com)

Turkey, Izmir

**Lisam Systems Izmir**

Phone: +90 532 690 49 77

Phone 2: +90 232 999 49 40

Email: [info.tr@lisam.com](mailto:info.tr@lisam.com)

United Kingdom, Hartlepool

**Lisam Systems Ltd.**

Phone: +44 (0)1429 280116

Email: [info.uk@lisam.com](mailto:info.uk@lisam.com)

India, Uttarakhand

**Lisam Systems**

Phone: +91 135 6006003

Email: [info.in@lisam.com](mailto:info.in@lisam.com)

[www.lisam.com](http://www.lisam.com)



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