



The modules Lisam ExESS Inventory and Chemicals management are developed for the management and authoring of Safety Data Sheets (SDS) , fully compliant with REACH and GHS (CLP and JIS). ExESS is a world leading technology compatible with the Microsoft Office environments

## Summary of standard functions

### Company management :

Collection of address, logo and contact person information for individual sites and private labelling purposes

### Data Management :

More than 300 predefined property fields and many predefined input screens for SDS management, GHS/CLP, REACH, labels, laboratory Inventoring, ...  
 Libraries with more than 500 pictogram  
 More than 100 predefined family products  
 Free editor to create customized properties and screens  
 Free scripting in each property field  
 Data import and export functions for phrases, data and templates (XML, txt, Excel,...)  
 Data gap analysis and intelligent 'google' FIND functions  
 Multiple values for unique properties with regional flagging possibilities  
 Different types of data field : text, numerical, booleans, calculated fields, lists, ...  
 Predefined region depending properties (OEL values, WGK, ...)  
 SDS and REACH data gap analysis

### Phrase Library management :

More than 6000 non validated free phrases  
 Predefined List items and text snippets  
 Import and export for phrase translations  
 Copy, find and replace of translations  
 Supports all Microsoft character sets and language settings (unicode)

### Parent/Child relations :

Intelligent inheritance functions to create Parents and related children products  
 Both copy and inheritance management of product data

### Reporting :

build in MS Word and MS Excel template generator  
 Both individual (single) and batch (bulk) generator  
 Automated conversion in pdf

### Versioning :

Standard templates for Labels, Safety Instruction Cards and Safety Data Sheets  
 Supporting ISO14011 (global) , REACH annex II (Europe) and JIS (Japan) format  
 Automated Versioning with Major and Minor change management and automatic renumbering of document versions

### Automated warnings :

Indication of changes in regards to previous version  
 Error and warning messages occur to correct SDS authoring like missing translations, mismatched classifications and many others

easy to use, maintain, upgrade and to understand – worldwide references – standalone or integrated in total IT solutions  
 REACH and GHS compliant – more than 31 languages available – recycles your existing data and tailor made developments  
 ensures accurate and regulation compliant SDS management – flexible parametrization to meet your procedures and needs



## Lisam ExESS SDS management

Microsoft .net – MS SQL or Express edition – MS office compatible – from MS 2000 to Windows 7  
Operates with PUBLICHEM and HemmisWeb for the distribution of chemicals information and validated documents







### Calculation Algorithms

**Preparation Classification :** EU and CLP compliant substance and preparation classification calculation  
GHS JIS compliant substance and preparation classification calculation  
ADR calculation  
Section 3 intelligent composition presentation  
Detergent regulation compliant Ingredient data sheet and label generation  
Japanese Section 15 regulatory inventory  
REACH annex XVII restrictions detection

### Configurations

**Standalone applications :** ExESS configuration for single users on laptop or limited network access to 1 concurrent user  
**Network applications :** ExESS modular SH&E concept (see pricelist) with concurrent user access and security settings : ExESS inventory, Chemicals Management, REACH, Management Systems, Environment and Waste  
**ExESS links with LISAM IT tools :** LisamWeb : Management on centralised validated phrases  
HemmisWeb : Web Interface to input/output validated information and documents  
PUBLICHEM : Web based tool for document and file exchange/communication  
**Hosted Applications :** All Lisam IT tools, including ExESS, can be hosted by Lisam Outsourcing Companies

### Available data, phrase and regulatory libraries

 **Standard LISAM SDS libraries :** CLP Annex VI and VII, OEL collections, ADR DGL, INCI , USE descriptors, ...  
**Standard LISAM REACH libraries :** REACH Annex VII-X, CMR list, REACH Annex XVII, Candidate list, ...  
**LISAM WEB link :** Internet link to Lisams' worldwide available phrases data set  
**REACH USE TITLE libraries :** Collection of USE titles compliant with ECHA and CEFIC format specifications  
 **BIG product database :** More then 40.000 commercial available products  
**BIG phrase library :** More then 4.000 validated phrases in 14 languages  
 **Qualisys BDI phrase libraries :** More then 7.000 validated phrases in 31 languages  
**Qualisys Data libraries :** Collection of different data sets on OEL, transport, ...  
 **ChemAdvisor LOLI database :** Worldwide Regulatory database  
 **3E Company ARIEL database :** Worldwide Regulatory database  
 **JCDB database (Japan) :** Regulatory database for Japanese compliancy purposes

### Price structure

**ExESS® product pricing depends on :** Standalone or network version – Purchase options or renting options - Number of licenses for concurrent users – Number of modules/functions – Number of languages and activated libraries (yearly subscriptions) – operation with or without optional Web interfacing tools - Need for men day based on specific parameterisation  
**Helpdesk and support :** Yearly subscriptions include regular upgrades and helpdesk e-based support  
**IT Services influencing the price :** Installation, training and parametrization. Potential interfaces with external IT.  
**SDS Services possible :** Customization of reports and screens  
LISAM offers Services to ExESS users to input data, verify calculations and validate data management



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Lisam ExESS is based on experiences and know how since 1990

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