



SOFTWARE FOR HAZARD COMMUNICATION

We take care of the legislation so you can take care of your business

CHEMICALS MANAGEMENT AND REGULATORY COMPLIANCE SOFTWARE

Whether you are a multinational corporation needing a highly customised software solution or a small business working with standard office software, you have to stay on top of the constantly changing regulations and legislation.

Software tools which support the management of chemicals are essential for navigating in the highly complex world of chemicals regulation. Good examples are deriving the right hazard classification according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and authoring of Safety Data Sheets (SDSs). At the core of SDS authoring is a good reliable source of regulatory data and a comprehensive multilingual phrase library.

DHI has developed the software tool to assist you.

TAILOR-MADE TO YOUR NEEDS: THE CHEMMANAGER®

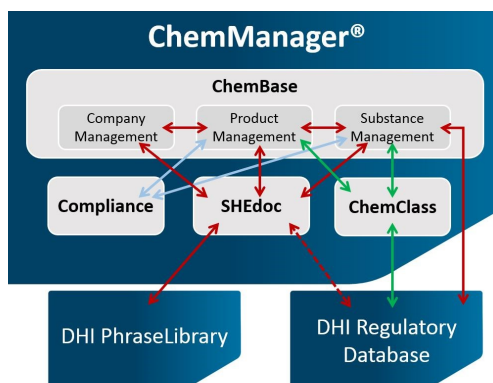
DHI offers a chemicals management and regulatory compliance software tool. ChemManager® supports all operators in the supply chain and provides you with the information needed in order to fulfil your obligations and communicate consistently along the supply chain.

CHEMMANAGER® MODULES

ChemBase

The ChemBase module allows you to manage data on chemical substances and products (such as data on physical, chemical or toxicological properties), data on companies (suppliers and customers), as well as the relations between substances, products and companies.

The data is available for creating overviews of chemicals used, tonnages and site locations. The data is accessible from other modules in ChemManager®.



ChemManager® is a web-based system accessed through secure lines on the internet that maintains your data encrypted on a central server. Installation is easy and all server hosting and software maintenance is handled by DHI. ©DHI

CLIENT

Suppliers of chemical products for professional and consumer use

CHALLENGE

Staying on top of the constantly changing regulatory requirements for chemicals management, either through in-house or outsourced systems, and providing your customers with up-to-date safety data sheets, professional chemicals management and analyses

SOLUTION

Offering a wide range of chemicals management software, we cover all needs from small individual data lists to globally sophisticated solutions. We also offer a unique combination of consulting and software solutions as well as training courses tailored to your needs

VALUE

- Continuous compliance of your hazard communication with current regulations
- Fast, reliable and up-to-date management of your chemical substances
- One-stop-shopping or flexible software solutions fitting your professional needs
- Chemicals management all the way from stock lists to Safety Data Sheets and client communication with our ChemManager®

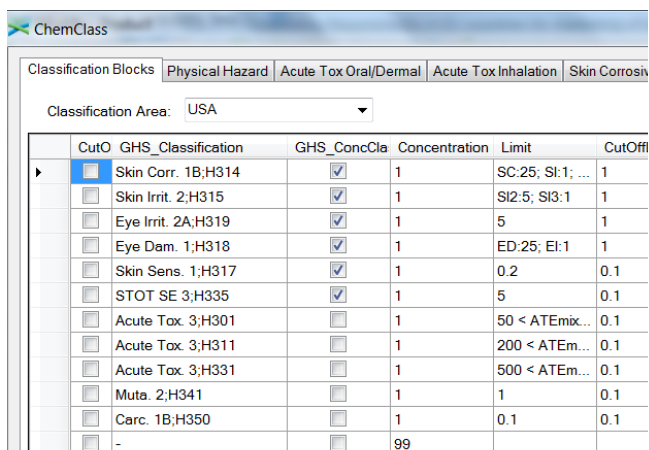
Compliance

The Compliance module provides an analysis of the substances that constitutes the composition of products and raw materials in relation to the role of the company (such as importer, manufacturer or user). The yearly tonnage is calculated based on product volume and chemical compositions and can be used for assessing requirements under regulation of chemicals such as REACH.

In addition, the Compliance module contains an inventory check, in which products are screened against updated regulatory substance lists available in ChemManager®, for instance, Substance of Very High Concern (SVHC) and the Toxic Substances Control Act (TSCA).

ChemClass

Use this module to classify mixtures in compliance with the GHS criteria. It is well known that despite being termed as a 'globally harmonised system', implementation of the rules can vary from country to country. The classification module helps you to comply with the different GHS implementations worldwide in few clicks.



The screenshot shows the ChemClass software interface. At the top, there are tabs for 'Classification Blocks', 'Physical Hazard', 'Acute Tox Oral/Dermal', 'Acute Tox Inhalation', and 'Skin Corrosion'. Below the tabs, there is a dropdown menu for 'Classification Area' set to 'USA'. A table displays various classification criteria with columns for 'CutO', 'GHS_Classification', 'GHS_ConcCla', 'Concentration', 'Limit', and 'CutOffi'. The table lists several hazard categories, some of which are checked.

CutO	GHS_Classification	GHS_ConcCla	Concentration	Limit	CutOffi
<input checked="" type="checkbox"/>	Skin Corr. 1B;H314	<input checked="" type="checkbox"/>	1	SC:25; SI:1; ...	1
<input checked="" type="checkbox"/>	Skin Irrit. 2;H315	<input checked="" type="checkbox"/>	1	SI2:5; SI3:1	1
<input checked="" type="checkbox"/>	Eye Irrit. 2A;H319	<input checked="" type="checkbox"/>	1	5	1
<input checked="" type="checkbox"/>	Eye Dam. 1;H318	<input checked="" type="checkbox"/>	1	ED:25; EI:1	1
<input checked="" type="checkbox"/>	Skin Sens. 1;H317	<input checked="" type="checkbox"/>	1	0.2	0.1
<input checked="" type="checkbox"/>	STOT SE 3;H335	<input checked="" type="checkbox"/>	1	5	0.1
<input type="checkbox"/>	Acute Tox. 3;H301	<input type="checkbox"/>	1	50 < ATEmb...	0.1
<input type="checkbox"/>	Acute Tox. 3;H311	<input type="checkbox"/>	1	200 < ATEmb...	0.1
<input type="checkbox"/>	Acute Tox. 3;H331	<input type="checkbox"/>	1	500 < ATEmb...	0.1
<input type="checkbox"/>	Muta. 2;H341	<input type="checkbox"/>	1	1	0.1
<input type="checkbox"/>	Carc. 1B;H350	<input type="checkbox"/>	1	0.1	0.1
<input type="checkbox"/>	-	<input type="checkbox"/>	99		

Select a country and relevant classification blocks – and in just a few clicks the ChemManager® module ChemClass helps you to classify mixtures in compliance with the GHS criteria. © DHI

SHEdoc

SHEdoc is the module for authoring SDSs that currently supports over 50 markets, through the direct link to the DHI regulatory database and phrase library.

SHEdoc also contains rule-based check lists for insertion of specific regulatory phrases, version control, label layout and publishing tools. The supplied DHI standard format is flexible and fully compliant with REACH, GHS and ISO standards.

THE BEST OF BOTH WORLDS

Outsourcing or in-house? With ChemManager®, this no longer needs to be an either/or decision.

DHI REGULATORY DATABASE AND PHRASE LIBRARY

Our regulatory database and phrase library are offered both in their raw form for direct implementation into your in-house data systems, or as a licensed product supplied through ChemManager®.

We can supply you with:

- 4000+ phrases for more than 50 markets worldwide
- DHI Global Label Package – GHS signal words, hazards and precautionary statements – for your markets
- Individual lists on substance classifications, exposure limits, CAS/EINECS no., national requirements and so on.
- Subscription to updates
- Professional translation of company-specific SDS phrases

If you are looking for a professional partner to handle your SDS authoring, but still want the benefits of having your own software system and being on top of the regulatory requirements for your products, ask for ChemManager® with a SHEdoc partner solution.

We provide a ChemManager® account where you are in full control of chemicals management as well as publishing and distribution of SDSs while leaving core authoring to the skilled and dedicated staff at DHI.

Example workflow of a customised solution:

- ⇒ You create a product in ChemManager
- ⇒ We check, evaluate and/or classify the product
- ⇒ We author the core SDS
- ⇒ You revise company specifics and publish to PDF

TRAINING

Besides applying our knowledge and our solutions on hazard communication and management, we want to share it with you and your staff. Our courses are based on the problems you experience in your daily work, to ensure that they are immediately applicable for your day-to-day work challenges.

Find out more here: www.theacademybydhi.com

Contact: ghs-info@dhigroup.com

For more information, visit: www.chemmanager.com