Your partner in the management and the distribution of safety documents

PUBLICHEM : a complete and user-friendly service satisfying all legal requirements

You are undoubtedly aware of your legal obligation to distribute safety data sheet and any subsequent updates. This requires considerable effort and resource on your part.

With the level of expertise at PubliChem, we can provide you with a cost effective system for the management of your safety documents.

Our main objective is to offer you a comprehensive service whereby your safety data sheets are published automatically, thus complying with mandatory regulations.

That is why PubliChem is the ideal partner to assist you with regular document distribution. We help you to comply with your legal obligations while keeping your budget under control. Our charges are based on the volume of hosted documents in our system, thus reflecting your needs.

The system that has been implemented by PubliChem saves you time and effort while automating the mandatory requirement to supply information.

In this age of electronic communication, PubliChem has made use of the most recent technological advances to combine Internet resources with document management.

PubliChem is a complete service that enables you to optimise the management for the distribution of your safety documents.

- Creation of access and storage of your documents when registering to our services
- **Easy and rapid transmission of your new safety data sheets and updates to the server**
- Multi-criteria search engine for ease of finding safety data sheets
- History of all actions
- Users administration module
- **Automatic e-mailing of the new versions of your safety data sheets to the user**
- **User acknowledgements of receipt of modified safety data sheets**
- Multilingual interface

PubliChem uses PDF files in ADOBE ACROBAT format enabling an easy transmission of the information. As well as being practical, this format does not require any costly software since ADOBE ACROBAT READER can be freely downloaded from the Internet.

Moreover, many software systems used for the creation of safety data sheets automatically run in the PDF format.

However, you have the option to use any other documents formats as long as it does not exceed a determined size. Indeed, files that are too big could alter the speed and accessibility to your documents.

Detailed descriptions of the different applications of PubliChem, giving a full insight into its capabilities, are given in the following pages.

PUBLICHEM : the solutions to match your needs

PubliChem can fulfil your needs and still allow you maximum flexibility.

Each application requires little effort on your part, <u>thus enabling those without IT skills to use our system</u>.

Of course, we also offer the possibility to integrate PubliChem pages inside your own website or even to customize your web pages. The only restriction is to follow effective procedure rules.

You can host various types of documents in PubliChem. However, we advise you to work with Adobe Acrobat (PDF format) for higher flexibility and a better circulation of documents. While the software for the creation of PDF files has to be purchased, the Reader (Adobe Acrobat Reader) can be freely downloaded from the Internet. This enables you to comply with the legislation and to publish your documents free of charge.

We guarantee thorough and professional treatment of your data for each of the following applications. A simple test will allow you to fully appreciate the power of our system.

PubliChem Internet is intended for companies eager to freely publish their safety data sheets on the Internet. This version grants unlimited public access to the safety data sheets while identifying the users in order to ensure the correct distribution of updated sheets.

PubliChem Extranet will be used for granting limited access to all or some of your documents. In this system, the user has to register as in the Internet version, but your « administrator » has the capability to grant levels of authorisation. He can also authorise a limited access to certain types of documents or even to each document.

PubliChem Intranet is an internal service aimed at the management of your documents on your local network. In this application, to be implemented in your company, the system is more complex since there will be the requirement to install a server connected to your local network. This version, more difficult to install, requires a technical intervention on site. We can provide you with technical support to help you integrate PubliChem Intranet into your system.

PubliChem Intranet may also be combined with PubliChem Internet/Extranet for the automatic sending of specific documents on the Net.

Each solution answers a specific need. Contact us and we will help you select the best application for your requirements.

PUBLICHEM INTERNET

In this formula, your safety data sheets are unconditionally published on the Internet but with access only for the users with prior registration.

Those pre-registered users may freely access your safety data sheets. They are however requested to supply certain details while registering in order to automatically receive the updated safety data sheets.

Moreover, the registration allows you to manage a list of users via the administration module; this may on occasions be a useful function.
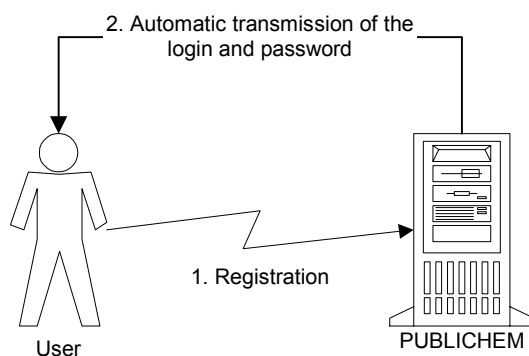
The procedure for the importation of your safety data sheets in the system is fast and easy. If you are using a specific type of software for the creation of safety data sheets, **it is often possible to almost fully automate the transmission of the PDF files to PubliChem**. On request, we can add a functionality for the automatic importation using specific description files.

The schemes for the different registration and consultation steps are depicted below.

For a better understanding, we have used the following terms:

- client : PubliChem client
- user : the person consulting your documents

A. First connection of a user to the PubliChem Internet
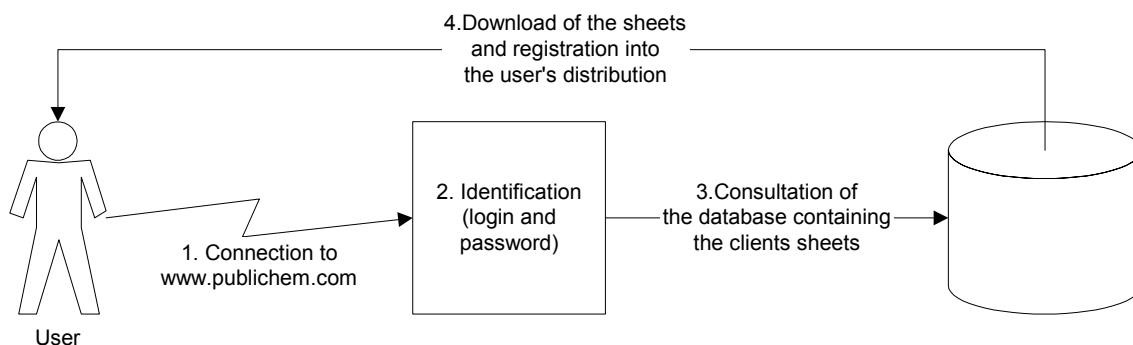

When connecting to PubliChem for the first time, the user will have to register in the system. His details will be stored within PubliChem to allow for later transmission of updated versions of the documents he has previously seen.

You also have the option to manually register a new user.

The administration module allows you to easily manage the users list.

Once registered, the user gets a proper login and password.

B. Use of the PubliChem Internet service

1. Connection via the Internet to http://www.PubliChem.com

2. Identification

The user makes connection to the website and logs in. Though public access is granted, it is important to identify the users in order to send them updated versions of your safety data sheets.

3.   Consultation

The user can consult your documents database in two different ways : simple visualisation or by downloading.

The advanced search options make it possible to rapidly find the right document.
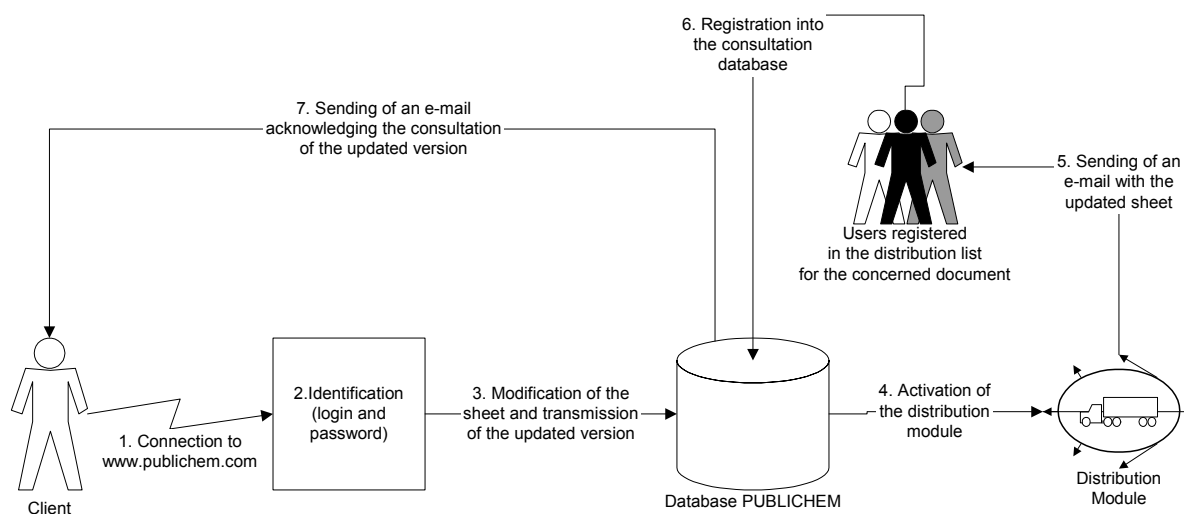
A document ID sheet is then displayed to enable the user to select his choice.

4.   Download and insertion into the distribution module

PubliChem allows two options:

-   Simple visualisation: in this case, the user does not register in the distribution list and will not get the updated versions

-   Downloading: the user saves the document locally on his workstation and will be automatically registered into the distribution module

C. Procedure for the transmission of updates

1. **Connection of the client to http://www.PubliChem.com**

2. **Identification**

3. **Modification of the sheet and transmission to the server of the updated version of the document**

The client can easily edit the safety data sheets. The search engine makes it easy to rapidly find the document to modify.

The client changes the version number and sends the updated file to the server.

4. **Activation of the distribution module**

PubliChem automatically detects the modification of the version number. Note : when a file has been changed but the version number maintained (minor modification), the distribution function is not activated. This means that small errors can be easily corrected without triggering new safety data sheets being distributed.

The distribution module consults the users list to identify the users who have already downloaded the document in order to send them the new version.

5. **Sending of an e-mail with the updated sheet**

The distribution module generates an e-mail in the user's language enclosing the new document.

An acknowledgement of receipt and visualisation is also enclosed in the e-mail.

6. **Registration into the consultation database**

The user has to connect to a special page in order to acknowledge receipt and visualisation of the updated version of the document.

A link is automatically activated by the e-mail in order to simplify actions for the user.

In order to be effectively identified, the user has to fill in his login and password in order to acknowledge receipt.

7. Sending of an e-mail acknowledging visualisation of the updated sheet

Once the acknowledgement has been confirmed in PubliChem, the client gets an e-mail (in his working language) as a proof that the document has been seen.

This procedure may seem over complicated but will fully satisfy the legal requirements.

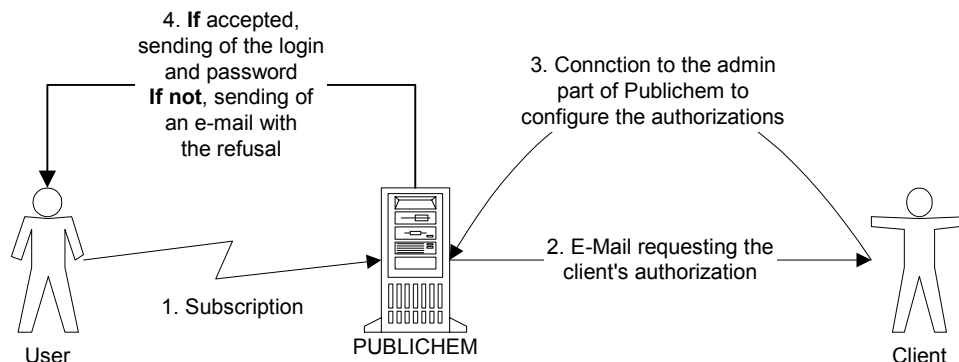*The confirmation technique for receipt of the updated safety data sheet guarantees compliance with the regulations.*

Moreover, a special feature in the administration part of the PubliChem server allows you to verify the completed procedure.

The complexity of the PubliChem distribution system is a guarantee for the effective distribution of your safety data sheets without any efforts on your part!

PUBLICHEM EXTRANET

The Extranet version of PubliChem contains most of the same functions as the Internet version.

In this version, though, you manage the access of the users to the site as well as to the documents.

The scheme indicates that a request is sent to the client in order to allocate a login and a password. This procedure is the best way to manage the total access to your documents.

You always have the potential to register new clients, … by yourself.

In the e-communication age, PubliChem Extranet makes it possible to publish your safety documents on the Internet while keeping control of the publication.
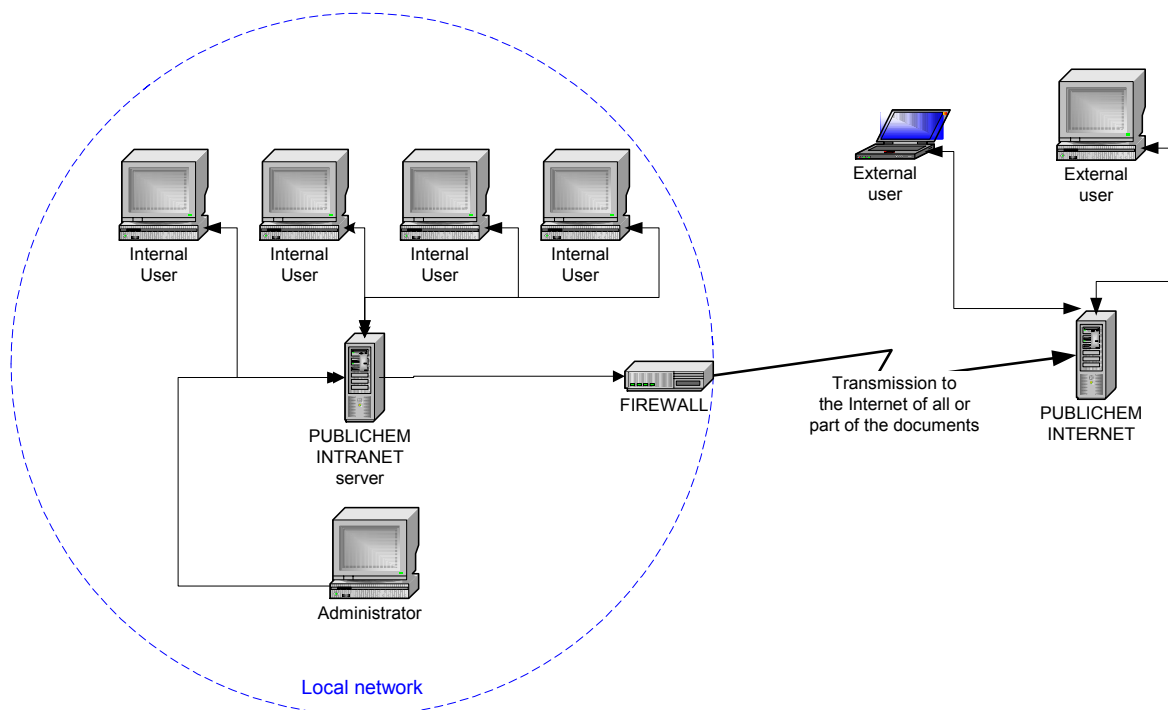
More and more companies use PDF documents to distribute safety data sheets. PubliChem is the best system to achieve this for yourself and certainly for your users.

Available 24 hours a day and 7 days a week, your documents will be visualised and downloaded without any intervention from you and with ease of use for your users. The tracking of the activities enables you to identify who is doing what and, moreover, to communicate any new information.

The security provided by our system guarantees a high level of confidentiality of your safety data sheets while maintaining their permanent availability to the users!

PUBLICHEM INTRANET

PubliChem Intranet is mainly intended for companies wishing to have an internal communication tool for their safety documents.

The functions offered by PubliChem Intranet are identical to those offered by PubliChem Extranet but for the server installed on your site. This implies of course that you buy and maintain a server. We can provide you with this hardware and the necessary technical maintenance.

The access authorisations and the management of your documents are also executed by an internal administrator who is entitled to allocate logins and passwords. He will also be able to modify the online files and ensure that all the users who have accessed the document will receive the updates.

PubliChem Intranet can also be used as a server for the company's documents. The chosen computing solution is stable and powerful. Your IT department will be delighted with the numerous options of the system.

A synchronisation can be implemented with the PubliChem Internet/Extranet server in order to transmit your documents outside the company. Your Intranet server is able to communicate with PubliChem Internet to send the updates of the documents for external use.

The power of the Intranet server combined with specific developments results in the optimal management of your internal and external safety documents and, even better, in the integration of these documents in your existing computing system. ***Contact us and be amazed by PubliChem Intranet's power and flexibility.***

PUBLICHEM : an effective partner for a professional management of your documents!

We are confident that this comprehensive presentation has convinced you of our ability and professionalism.

PubliChem may also help you in the implementation of specific configurations such as integrations into your ERP or CRM. Our specialists would like to work with you for the optimisation of your document management system.

To see PubliChem in action, connect to our website http://www.publichem.com (available from the 15th of March). Select the « Test » option and try our basic solution.

You may also have a demo of the various options by registering as a client for a test access in order to see for yourself the numerous options offered by PubliChem.

Contact us for more details or a quotation. We are ready to help you find the best solution!

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