

# TECHNIDATA CLEO



## **TechniData CLEO**

Fully integrated regulatory content package for SAP EH&S with regulatory data, phrase libraries, expert rules and MSDS report layouts

### **SOLUTION BRIEF**

If you are a company that produces hazardous substances or transports dangerous goods, you can rely on TechniData CLEO for SAP EH&S. It enables you to meet worldwide regulatory requirements relating to product safety (such as MSDS authoring) and the management of dangerous goods and labeling. With TechniData CLEO you optimize your processes for managing chemical substances by fully integrating them into your company's business processes, thereby saving time and reducing cost.

# TECHNIDATA CLEO

All companies that manufacture, trade in or process chemicals must ensure compliance with a multitude of legal regulations – especially in the area of environment, health and safety. Companies have to generate material safety data sheets (MSDS), hazardous substance labels and dangerous goods documents that comply with legislation and company requirements. Despite global harmonization efforts, product safety legal requirements remain considerably different in various regions of the world. Moreover, companies need to consider regular changes and adaptations in reporting and data management.

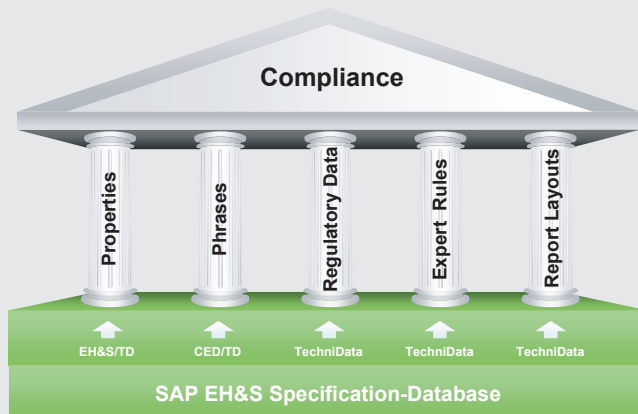
To help them master these challenges, TechniData offers a complete integrated solution: TechniData CLEO. It contains all necessary content for SAP EH&S, such as phrases in more than 30 languages, worldwide substance data, expert rules and report layouts. TechniData CLEO is available in regional content packages to cover different regions of the world (Europe, North America, Asia/Pacific). The solution also supports companies to be compliant with REACH and GHS.

## TECHNIDATA CLEO SUPPORTS YOU IN MEETING ALL THESE REQUIREMENTS WITH AS LITTLE EFFORT AS POSSIBLE. THE COMPLETE SOLUTION FOR SAP EH&S CONSISTS OF:

- Phrases – more than 30 languages, over 7,000 phrases
- Regulatory Data – over 300,000 substances and groups from chemical regulations worldwide
- Expert Rules – for product safety and dangerous goods
- Report Layouts – MSDS templates
- CLEO Online – web based portal to access regulatory data

## KEY FUNCTIONS OF TECHNIDATA CLEO

By using TechniData's content solution, you benefit from one single source for regulatory content and one point of contact for support. TechniData CLEO consists of the following components:



## CLEO PHRASES

TechniData cooperates with CED (Chemical Exchange Directory S.A.) to offer its customers more than 7,000 phrases in more than 30 languages.

The library is available in three different versions, according to which languages customers need to cover. Data is delivered in SAP EH&S import format jointly developed with CED, which can then be loaded by the customer directly into their SAP EH&S system. The phrase library also contains allocations to the phrase sets based on the current standard property tree. Customers receive updates twice a year including enhancements, ongoing adaptations to new regulations and to SAP EH&S, as well as additional languages. The library contains phrases for the 16 Section Safety Data Sheet, according to EU REACH, ISO, ANSI, GHS and various national regulations.

## CLEO REGULATORY DATA

TechniData CLEO provides regulatory data for product safety and transport regulations for dangerous goods for SAP EH&S. The database contains more than 300,000 substances and groups from regulations worldwide. Data will be delivered through the open interface tool EH&S OCC (open content connector) which allows for manual and automatic loading of data into the specification data-

base of SAP EH&S. Available data for product safety are: classification and labeling, occupational exposure limits, global inventories, environmental protection, prohibitions and restrictions. TechniData offers data according to the most important dangerous goods regulations such as ADR, ADNR, RID, IATA, IMDG, 49CFR and TDG.

## CLEO EXPERT RULES

To classify mixtures and to generate compliant MSDS, labels and transport documents companies need a rules engine that calculates substance data according to product safety and dangerous goods regulations. TechniData offers expert rules that cover North America (e.g. OSHA, WHMIS and SARA), Europe (e.g. EC Safety Data Sheet) and Asia/Pacific (including Australia, Japan, China, Taiwan and Korea). To help customers prepare for GHS requirements, the solution supports the transition from current information to GHS. The rules sets are continuously supplemented and updated as regulations change and new regulations come into effect.

## CLEO MSDS REPORT LAYOUTS

To automate the generation of documents such as MSDS, labels, transport documents or reports for authorities, TechniData offers a variety of templates compliant with worldwide regulations. They are based on WWI (Word Windows Integration) and therefore can be adapted to companies' requirements and corporate design (e.g. inserting the company logo). The safety data sheets, for example, can be generated in any language supported by the system in combination with the selective contents for the destination countries or areas required, assigned, version controlled and printed.

## CLEO ONLINE

TechniData offers its customers a web based portal enhancement for their TechniData CLEO content solution, called CLEO Online. Working completely independent from the SAP EH&S system, all that is needed to access it is a computer and access to the internet. Equivalent to the TechniData CLEO content solution, users have access to a database that contains data on chemical substances and corresponding identifiers, properties and relevant international regulations and lists. CLEO Online provides a flexible and customiz-



able interface that gives users direct access to up-to-date, accurate and comprehensive regulatory information as well as online access to query, view or print substance or regulatory list data directly from a web browser.

## FURTHER INFORMATION

If you would like more information on how TechniData can provide you with up-to-date regulatory content in one single solution, contact your TechniData expert today or visit [www.technidata.de](http://www.technidata.de) or [www.technidata-america.com](http://www.technidata-america.com).

### The Benefits of TechniData CLEO at a Glance

- Single integrated source for regulatory data, rules, phrases and report layouts
- Eliminates point solutions and multiple interface development
- Reduces implementation and support costs
- Provides customer with one point of contact for support
- Lowers risk of non-compliance
- Reduces the time and process cost for efficient environmental management
- Ongoing adaptation and enhancement according to changes in legislation

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