SAP® EHS Regulatory Documentation OnDemand

The Best-Run Businesses Run SAP™

Improve global compliance while reducing costs and risks

The safety data sheets your company generates must be globally consistent and compliant with all applicable regulations worldwide. Yet, today's regulatory landscape is in flux, and compliance can be difficult and expensive. But you can improve global compliance and reduce costs and risks while protecting your brand and introducing your portfolio into new markets and geographies.

Consider the effectiveness of your current product safety processes. How quickly can you author a safety data sheet (SDS)? Are your SDSs globally consistent and compliant? Do you stay abreast of all applicable regulations globally? How effectively do you introduce regulatory changes into your IT systems and business processes? How often do you implement third-party regulatory content? Do you explore the impact of content changes (data and rules) on your products on a regular basis? Are you making the best use of your valuable environment, health, and safety (EHS) resources across the portfolio of your sustainability initiatives?

The SAP® EHS Regulatory Documentation OnDemand content service is an extension of your product stewardship process that automates the generation of SDSs in a cloud content service. You continue to run other activities, such as conducting toxicology evaluations, filing product registrations, and so on.

Subscribe to globally compliant safety data sheets

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Harness highly efficient, automated processing

Benefit from short turnaround times

Hook up to SAP through Web services

Gain from robust information security

Integrate processes for efficiency and automation

Through your subscription to the SAP EHS Regulatory Documentation OnDemand content service, SAP can supply you with compliant SDSs for over 100 countries in over 40 languages. By reviewing applicable country-specific regulations and classifying components and products, SAP can produce a wide range of compliant SDSs through a cloud-based environment. The processing environment is built on the SAP Environment, Health, and Safety Management (SAP EHS Management) application, which in turn supports SAP EHS Regulatory Content packages and customized, highly automated SDS-generating workflows.

To support your ongoing compliance needs and keep pace with the constant flux in regulations, SAP has a global organization of over 100 people who:

- Monitor all applicable regulations on a global basis
- Translate new regulatory requirements into enhancements for SAP EHS Regulatory Content packages
- Implement and test these enhancements
- Deliver the enhancements to customers and SAP EHS Regulatory Documentation OnDemand four times per year

Meet product compliance regulations for all your products. Position your company to innovate, enter new regions, and drive revenue growth.

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SAP has built a series of customized workflows to process your requests for product SDSs and component classification. Through these workflows, you can check at any time on the status of the requests you made.

The workflows support a high level of standardization and automation. For example, they perform checks on required data fields before any processing starts. Expert rules are run automatically, specific to the country for which the SDS was requested. However, when called for, SAP product safety experts still perform quality assurance steps manually.

SAP EHS Regulatory Documentation OnDemand achieves economies of scale that benefit your bottom line. Because regulatory monitoring is performed globally for all customers, common components such as toluene or ethanol need only be processed once before the information can be leveraged by everyone. This is one reason SAP is able to offer these services at very attractive prices.

Reduce your SDS authoring costs with optimized workflow processes and economies of scale built into SAP EHS Regulatory Documentation OnDemand.

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High automation, standardized processes, and keeping up-to-date with the regulatory changes make it possible for SAP to respond very quickly to your requests for classifications and SDSs. These requests may be driven by new products, changes in existing product compositions, expansion to new countries, or changes in regulations.

As an example, if you request SDSs for a new product for 50 countries, you will receive all 50 SDS documents and all supporting data and label text within two days, providing all components were already processed.

With SAP EHS Regulatory Documentation OnDemand, the burden you have and the time it takes to update your existing SDSs to comply with a new regulation – for example, the 2012 OSHA Hazard Communication Standard – is significantly reduced. You do not have to update your on-premise SDS authoring system for the new rules, reclassify components and products, and then reauthor your SDSs and label text. SAP does this for you.

Have your safety data sheets processed in just a few days instead of several weeks.

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The need to connect SAP EHS Regulatory Documentation OnDemand to your business processes is critical. You cannot tolerate any "disconnects" that impair your ability to sell, ship, or deliver products. That's why SAP developed a series of standard Web services that connect your on-premise environment with the content service SAP offers in the cloud. The Web services connect you directly to SAP for:

- New and revised product SDS requests
- New and revised component requests
- New and revised raw material requests
- Status update on a request

You benefit from sustained high productivity because your users continue to work in the software environment and with the applications and business processes they know. For example, upon entering the information for a new product – composition, physical-chemical properties, and countries for which an SDS is required, for example – the appropriate Web service is triggered, which submits the request to SAP. When processing is completed, SAP delivers the SDS, label text, and supporting data to your environment.

Submit requests for new and revised products, components, and raw materials directly from your product development and supply chain processes.

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Through SAP EHS Regulatory Documentation OnDemand, you send vital business information to SAP, such as product composition, and SAP stores that sensitive information in the cloud. You can have complete confidence that this information will be protected at each and every step.

SAP has a long history of operating data centers built to store highly confidential customer information. SAP first received ISO 27001 certification in 2006. ISO 27001 has 11 domains – including physical security, access control, and business continuity – and over 128 controls. SAP's data centers are audited regularly against stringent security requirements.

As additional substantiation of the robust security maintained at SAP's data centers, the security processes in place there were found sound under US ITAR regulations and SAP was granted licenses for storing military information.

All transmissions to and from SAP are also secured and based on a customer-specific authorization concept with encryption. Communication can be restricted to specific IP addresses or ports, if necessary.

Rest assured that your information will be protected – from encrypted transmission to ISO 27001 security requirements for storage.

Integrate processes for efficiency and automation

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The technology behind the integration of SAP EHS Regulatory Documentation OnDemand – the Web services, the application link enabling interface technology, and the workflow engine – is standard SAP software. What was developed for SAP EHS Regulatory Documentation OnDemand was optimized specifically for this content service. For example, the Web services were developed by SAP to let you send your requests directly to SAP. This combination of standard, proven technology and customized implementation means a robust integration experience for you.

To gain the greatest benefit, you can trigger a Web service from within your business processes. For example, as a formulation company, you may wish to embed a product request within functionality that transfers a bill of materials to product composition. This ability to embed the Web service where you want it heightens efficiency and automation for you.

Because SAP delivers requested SDSs and supporting data directly to your on-premise environment, all your downstream processes work as before. You can still take full advantage of the inherent integration with other SAP software supporting, for example, sales, distribution, and logistics operations.

Expand global compliance as you need it

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With SAP EHS Regulatory Documentation OnDemand, you can achieve:

- **Reduced sales, litigation, and compliance risks** – Increase standardized, up-to-date global product compliance of data and documents
- **Optimal resource use** – Run your business processes optimally through network automation between the cloud and your on-premise software environment
- **Lower total cost of ownership** – Use a cloud content service for the creation and maintenance of data and SDS documents to eliminate the cost of supporting software, content, and services

SAP is an expert advisor for EHS processes, software, and content.

Summary
SAP delivers global, client-specific product safety documents – safety data sheets (SDSs) and label text – and product compliance data to support its customers' ongoing product safety and hazardous materials management. Its cloud solution connects the SAP® EHS Regulatory Documentation OnDemand content service with your on-premise software environment.

Objectives
- Reduce the time required to author compliant SDSs
- Stay current with the ever-changing regulatory landscape and reduce risk
- Lower operational costs involved in generating SDSs
- Free up resources to staff strategic and sustainability projects

Solution
- Run your authoring processes for SDSs and label texts in a cloud solution
- Generate SDSs, label texts, and supporting data specific to your needs
- Keep current with changes in regulations, formulas, new products, new markets, and new regions

Benefits
- Improved compliance that can reduce sales, litigation, and compliance risks
- Flexible deployment for optimal resource use
- Lower total cost of ownership

Learn more
Call your SAP representative today, or visit us at www.sap.com/sustainability/ehs-regulatory-documentation.

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