

SAP Solution Brief

SAP Solutions for Sustainability

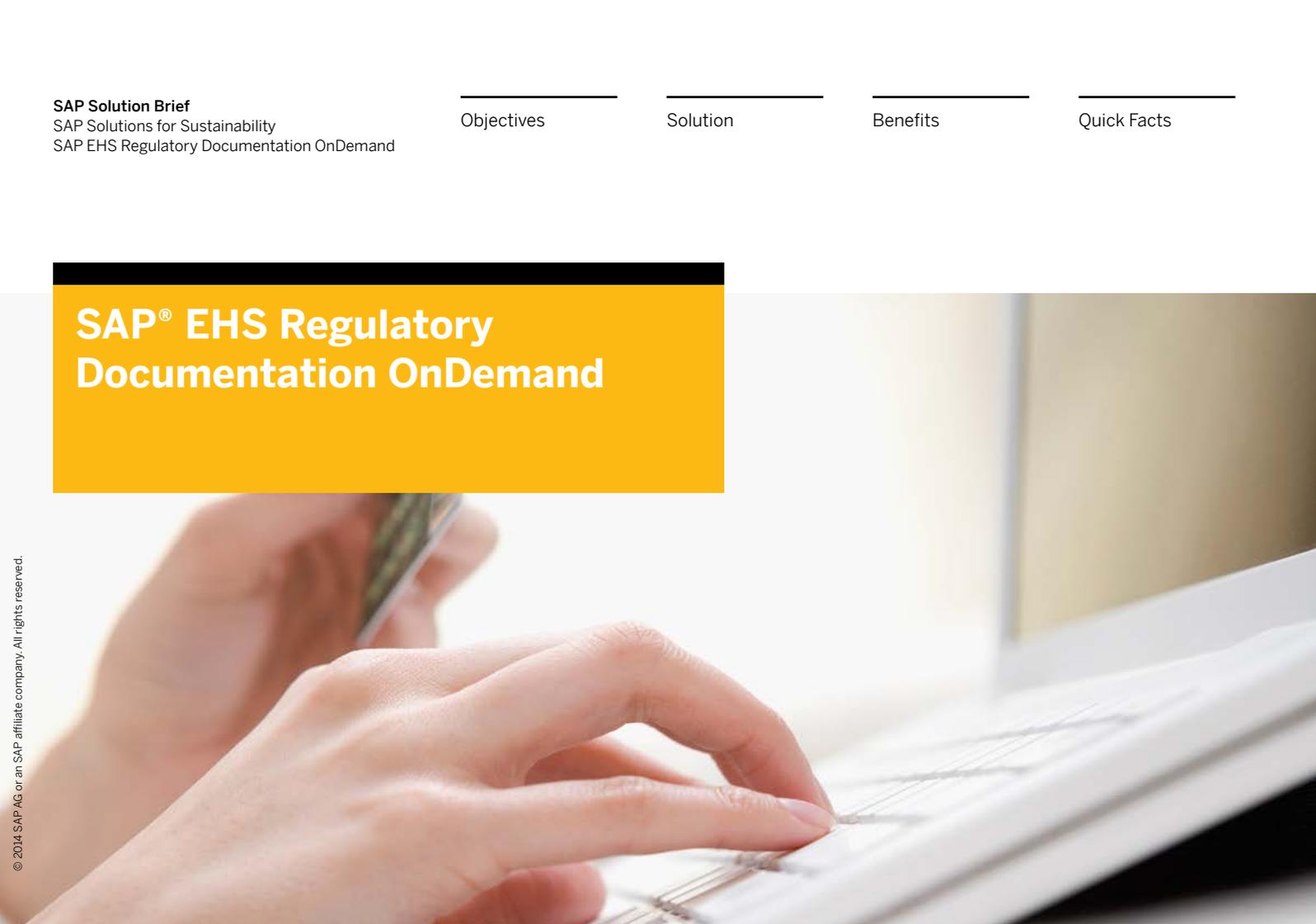
SAP EHS Regulatory Documentation OnDemand

Objectives

Solution

Benefits

Quick Facts



SAP® EHS Regulatory Documentation OnDemand

Improve global compliance while reducing costs and risks

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Your company's safety data sheets must be globally consistent and compliant with all applicable regulations worldwide. Yet today's regulatory landscape is in flux, and ongoing compliance can be difficult and expensive. You can **improve global compliance and reduce costs and risks**, however, 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 compliant? Do you stay abreast of all applicable regulations? How effectively do you introduce regulatory changes into your IT systems and business processes? How current, complete, and high-quality is your component data? 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 your portfolio of sustainability initiatives?

To address these complex issues, SAP offers a proven solution for managing component data and authoring SDSs for over 100 countries. Because our solution can natively integrate with SAP® Business Suite applications, you can connect your SDS authoring processes with relevant sales, manufacturing, and logistics processes for an integrated, proactive, cost-effective approach to compliance.



SAP service offers licensing options to best fit your needs

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Subscribe to globally compliant safety data sheets

Subscribe to complete, current, and compliant component data

Harness highly efficient, automated processing

Benefit from short turnaround times

Hook up to SAP in multiple ways

Gain from robust information security

With the SAP EHS Regulatory Documentation OnDemand content service, you have the flexibility to choose from two licensing options.

The component management option provides the regulatory data foundation for your components. This includes sourcing of component information from your supplier SDSs and high-quality, peer-reviewed public sources; component hazard classification; and the generation and delivery of this

component-supporting data to you. With this option, you will use the data delivered to support classification of your products and the authoring of SDSs.

The SDS management option provides regulatory and hazard classification, generated SDS and data, and hazard label text information for your products. The generated SDS and supporting data is delivered to you for use in your downstream processes.

Decide on your biggest challenge. SAP EHS Regulatory Documentation OnDemand has options for you to handle part or all of your SDS authoring process.



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Through your subscription to the SDS management option, SAP can supply you with compliant SDSs for over 100 countries in more than 40 languages. By reviewing applicable country-specific regulations and conducting hazard and regulatory classifications, 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 authoring rules and workflows.

To support your ongoing compliance needs and keep pace with the constant flux in regulations, SAP has a global organization that:

- Monitors all applicable regulations on a global basis
- Translates new regulatory requirements into enhancements for SAP EHS Regulatory Content packages
- Implements and tests these enhancements
- Delivers the enhancements to customers of SAP EHS Regulatory Documentation OnDemand up to 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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With the component management content service, SAP alleviates the burden of continually maintaining your component data. The SAP EHS Regulatory Documentation OnDemand service starts with your supplier SDSs and assesses them for relevant information. Then it applies end-point data (such as physical-chemical, tox, and eco-tox data) from the SAP component database based on peer-reviewed public sources researched by regulatory experts at SAP. Regulatory data from SAP EHS Regulatory Content is also assembled for your components, such as regulatory lists and occupational exposure limits.

Your components are classified for the applicable global regulations using the end-point data as the basis. This data, along with the classifications, is then delivered to you. SAP will keep the regulatory content current and will proactively update your components in the case of a regulatory update (such as OSHA Globally Harmonized System of Classification and Labeling of Chemicals).

With the component management service, you can rest assured that your data is current, compliant, and complete for your global SDS needs.

Upgrade your component data to a world-class level. Reliably use it in your other processes, knowing it is current and compliant.



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SAP has built a series of customized SDS authoring rules and 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, in accordance with quality assurance policies, SAP product safety experts perform quality checks manually.

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

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.



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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 two options that connect your company with the content service SAP offers in the cloud.

You can use SAP-delivered interfaces that directly network your on-premise environment with SAP EHS Regulatory Documentation OnDemand, or you can use the portal option. With the networked option, all results are delivered to your on-premise system. With the portal option, the results are delivered to the portal.

The supported business processes are identical with both connection options:

- 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. You additionally gain from the flexibility to select the approach that suits your particular situation.

Submit requests for new and revised products, components, and raw materials as part of your product development and supply chain processes.



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Regardless of which connection approach you choose, you send vital business information to SAP through SAP EHS Regulatory Documentation OnDemand, 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.

As additional substantiation of the robust security maintained at SAP's data centers, the security processes in place there have been found sound under U.S. International Traffic in Arms Regulations (ITAR), and SAP has been granted licenses for storing military information.

All transmissions to and from SAP are also secured and are based on a customer-specific authorization concept with encryption.



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



Expand global compliance as you need it

Expand global compliance as you need it

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.





| Objectives | Solution | Benefits | Quick Facts |
|---|--|---|-------------|
| <p>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. Our cloud solution connects the SAP® EHS Regulatory Documentation OnDemand content service with your on-premise software environment.</p> | <p>Solution</p> <ul style="list-style-type: none">• Run your authoring processes for SDSs and label text in a cloud solution• Generate SDSs, label texts, and supporting data specific to your needs• Obtain current, complete, and compliant component data• Keep current with changes in regulations, formulas, new products, new markets, and new regions | <p>Benefits</p> <ul style="list-style-type: none">• Improved compliance that can reduce sales, litigation, and compliance risks• Flexible deployment for optimal resource use• Lower total cost of ownership | |
| <p>Objectives</p> <ul style="list-style-type: none">• Reduce the time required to author compliant SDSs• Improve the completeness and quality of component data• 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 | | <p>Learn more Call your SAP representative today, or visit us at www.sap.com/pc/tech/cloud/software/sds-authoring-regulatory-docs/index.html.</p> | |





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