



# CHEMICAL SAFETY SOFTWARE SDS AND GHS MANAGEMENT SOLUTIONS

www.chemicalsafety.com

## Core Components of Chemical Safety's SDS/GHS Software Solutions

### EMS SDS/GHS HIGHLIGHTS:

- Online access to SDS documents and GHS labels
- Supports multiple user interfaces, (M)SDS and various GHS label languages
- EMS Parser extracts key hazard data for labeling and reporting
- Works with online and offline
- Supports flexible data search criteria
- Provides links to International Chemical Safety Cards, NIOSH and ECHA pages
- Supports the AirPrint™ print technology



## SDS and GHS Management

### GHS AND (M)SDS ARE CRUCIAL

The (Material) Safety Data Sheet and the Globally Harmonized System (GHS) are the cornerstones of environmental awareness, regulatory compliance, product stewardship and occupational safety and health, where chemical products are used.

### ENTER ENVIRONMENTAL MANAGEMENT SYSTEMS (EMS) SDS AND GHS AND MOBILE APPLICATIONS

Chemical Safety's SDS and GHS tool gives your employees instant access to critical safety data everywhere. EMS.GHS/SDS is an iOS, Android and Windows 10 mobile app that connects to your EMS installation and allows you to access (M)SDS and GHS information right on your device. But this is not just a remote file viewer.

Our EMS database backend ensures that the substance information and the labels shown (using Crystal Reports™ technology) are always up to date and can be easily adapted to other languages and new regulation requirements. Chemical Safety's unique SDS data parser combines Web technology with AI to pull key safety data into data elements that can be searched and easily reported.

### NO NETWORK... NO PROBLEM

Access to important safety information cannot always depend on the availability of cellular or WiFi network. EMS.GHS/SDS caches all data found on the device, so that you access it as a backup when no internet connection is available.

## SDS Case Study

**The Challenge:** The Health, Safety and Environment (HSE) department of a global manufacturer of electronic components, with facilities in the US and many other countries was faced with the daunting task of relabeling huge site chemical inventories as required by the newly enacted GHS labeling requirements. Additionally, the company was required to source and update hazard documents (Safety Data Sheets or SDS) for all existing chemicals in the various sites. Chemical inventories were up-to-date through the use of Chemical Safety's EMS HSE software, which streamlined where chemical information update were necessary.

**The Solution:** Chemical Safety Software was tasked with implementing a rapid and cost-effective solution to address this the needs of this organization, Chemical Safety matched the existing chemical inventories to its vast database of Safety Data Sheets (SDS) and its most up-to-date GHS chemical reference database. Chemicals matched with existing inventories seamlessly, and SDS documents were automatically attached to the chemical container records for each site and location. With the majority of chemicals matched, in a matter of only a few days, the remaining missing data was identified, information was sourced from manufacturers and distributors and the whole project was completed in less than 60 days. Chemical Safety was subsequently tasked with maintaining and updating this organization's SDS data, and assuring that the required safety and labeling information is available as required. This information is not only available on the cloud for the company to access worldwide, but it is also available o all employees of the company on their smartphones and tablets (iOS, Android and Microsoft). The solution was well received by all involved within the company HSE as well as corporate management.

One of the most valuable features of the EMS software is its ability to connect with other systems. With a nexus of data exchange and integration between EMS and your organization's systems, you can dynamically capitalize on a platform of tools to facilitate operations. Examples include direct connectivity 3rd party system Waste Requisitions and Pickups, Incoming and Outgoing Manifests with Cost Tracking and Vendor Communications, Automated Document & Agency Report Retrieval and Submission.



EMS.GHS/SDS



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