**Chemical Inventory Management**

Managing the flow of chemicals in your facility, including acquisition, storage, use and disposal is critical for safety and regulatory compliance.

The EMS Inventory is a Chemical Safety Software cloud-based application that tracks chemical inventory from purchase through disposal. Used alongside Chemical Safety’s EMS. Inventory iOS, Android and Windows 10 Mobile Apps, with barcode scanning capabilities, EMS reduces the time required to store information, increases accuracy, simplifies chemical purchases, distribution, sharing and disposal.

The EMS Inventory allows you to store chemicals in your unique locations and helps you easily record the use and movement of chemicals. Storage compatibility checks and inventory limit rules make chemical management safe and efficient.

The EMS Inventory mobile apps can be used to scan container barcode labels and accurately count and report where chemicals are stored and in what quantities. Entire labs or locations can be audited with quick scans, and chemical containers can be updated easily.

Mobile apps can be operated in both online and offline mode, which allows data to be collected in remote locations and uploaded to EMS when the device is back in connectivity range.

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**The Original and Most Comprehensive EHS Software**

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**Chemical Inventory Management Features:**

- **CHEMICAL INVENTORY CONTAINER TRACKING**
  - Track chemicals by location onsite with full barcode and mobile app support

- **CHEMICAL AUTHORIZATION AND APPROVAL**
  - Keep better tabs on what’s being used in your facility. Review and authorize chemicals for users and locations

- **MOBILE BARCODING APPS**
  - iOS, Android and Windows UWP apps for monitoring, updating, transferring and disposing of chemical containers

- **CHEMICAL INVENTORY REPORTS**
  - Ad-Hoc reporting systems allow for the creation of custom chemical inventory reports with virtually unlimited criteria

- **SURPLUS CHEMICAL MANAGEMENT**
  - Share surplus chemicals between employees across the entire facility

- **INVENTORY LIMITS**
  - Set inventory warning and stop limits for each of your locations based on hazard types

- **CHEMICAL BILL OF LADING**
  - Create and manage shipping documents and labels for shipping chemicals

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**Safety Data Sheets and GHS Labels**

Inventory containers are linked to manufacturer specific safety data sheets. Print GHS labels on demand.

**Chemical Compatibility Rules**

Manage storage compatibility by chemical classification and/or hazard class.

**Hazardous Waste Disposal**

True cradle- to grave tracking when used in conjunction with EMS’s hazardous waste module.

**Federal and State Regulatory Reports**

Federal and state regulatory reports including Tier II, DHS, SARA, HMBP, and Fire Department.

**Chemical Storeroom Checkout**

Manage chemical storage locations with storeroom check-in and check-out tools

**Low Inventory Notifications**

Set chemical reorder points and get automatic notifications when inventory is running low.

**Purchase Orders**

Manage chemical purchases using EMS’s built-in purchase order features.

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**Case Study**

The Challenge: A leading biopharmaceutical company that focuses on drug discovery determined, following an internal safety audit, that it did not have the processes in place to monitor, update and report chemical use in the facility. Chemicals were purchased centrally, but scientists did not review or update any information on storage, use, or disposal. This resulted in excessive chemical purchasing, unsafe storage of incompatible chemicals, expired chemicals in inventory and chemicals listed as available but missing at critical times. This resulted in unnecessary purchasing costs, higher than forecast waste disposal costs and significant regulatory and corporate exposure.

The Solution: Chemical Safety Software was tasked with implementing a software solution that addressed these issues efficiently, maintaining current and accurate chemical inventories labeled and stored safely, utilizing barcode labels and smart phones and tablets to easily update information and streamlining the hazardous waste disposal process.

The solution provided by Chemical Safety was the implementation of processes centered around our comprehensive chemical management software, Environmental Management Systems (EMS).

Chemical Safety configured EMS on a cloud-server, transferred location, chemical and waste data from disparate data sources into a single database, cross-referenced the chemicals with Safety Data Sheets and GHS Information and trained lab and research personnel on ways to update information using smartphones and tablets quickly and easily.

The solution was well received by all involved within the company as well as the local regulator who praised the organization for their accuracy in reporting.