



## Chemical Inventory of restricted chemicals

Within **EHSIntegrator** the **Core Organization Data** module and the **Principal Chemical Usage Profile** sub-component play important roles in supporting Chemical Inventories.

In the Core Organization data modules you can define chemical categories that need to be tracked for regulatory compliance or safety purposes, such as: Carcinogens, Controlled Substances, Corrosives, Cryogenics, Flammables, Pyrophorics, Reactives, and Reproductive Toxins.

Within each category individual chemical types can be declared, along with their physical and hazard characteristics. Each type can also be tagged with the name of any restrictive or regulatory lists that makes it of interest to EHS. And business rules can be defined for inventory purposes e.g.

- 1) Building Limits
- 2) Threshold % requiring reporting
- 3) Default inventory measure
- 4) How inventory needs to be entered: yes/no value, or with a count, or in specific quantities with an assigned measure

The **Principal Chemical Usage Profile** sub-component is intended to identify a master list of what chemical types a PI has, and in what areas he uses or stores them. This data is a feed to Chemical Inventory. *(All of which is largely transparent to the PI.)*

The **Chemical** module is where periodic Chemical Inventories are recorded. They can be entered by PIs using a web browser and reviewed by EHS staff using their Windows application. EHS can use the inventory list query screen to search for all

Principals who've reported inventories, as well as seeing the specific items they've reported. This can be done by building, room, and/or safety advisor.

## Metrics & Management

The number of principals reporting chemicals can be identified, along with the amount of each chemical type they use.

The quantities of chemicals in total, or by building can be reported, and any exceptions to building limits can be identified.

The system can be queried to identify where specific chemicals are used/stored.

Principals who are required to enter inventories are notified electronically.

## Elements

### Modules/Sub-components

- **Core Organization Module:** Chemical Categories and Types. Physical and Hazardous characteristics. Inventory Business Rules
- **Notifications Module:** Notices about inventory due and past due
- **Chemical Module:** Hazardous Chemical Inventories