Occupational health and safety

Chemical Products: Storage

One day to organise chemical storage that is safe and maintained over time: separation by hazard family, incompatibilities, containment, ventilation, inventory, receipt and leak management. Intended for storekeepers, warehouse managers and HSE staff, the course ends with an audit of your own storage area and a corrected layout plan.

Duration : 1 day

Objectives

1. Read the pictograms, hazard statements and SDS sections useful for storage
2. Identify incompatibilities between product families and derive a physical separation
3. Design or correct a storage area: containment, ventilation, floor, extinguishing means, signage
4. Organise receipt, inventory, stock rotation and the disposal of expired products
5. React to a leak or spill with the right means

Programme

Day 1 — morning

• Storage accidents: reactions between incompatible products, leaks, fires, poisoning

• GHS and CLP labelling; the “handling and storage” and “stability and reactivity” sections of the SDS

• Incompatible families: oxidisers, flammables, acids, bases, toxics, water-reactive products

• Separation rules: distances, partitions, cabinets, dedicated cells

Day 1 — afternoon (workshop)

• Containment, ventilation, access control, extinguishing and spill-control means

• Receipt, inventory, quantities at the workstation, packaging and decanting

• Leaks and spills: absorbent kits, PPE, recovery, disposal

• Workshop: audit of your storage area and a corrected layout plan; knowledge test

Teaching methods

• Audit in sub-groups of your warehouse or storage room with a checklist

• Building a separation plan from your product inventory

• Spill-handling exercise with the site’s means

• Analysis of cases of accidents linked to storage

• Knowledge test

Assessment and documents

Knowledge test and feedback on the storage audit, plus a day+1 learner feedback survey. Numbered training certificate, verifiable online, for each participant; the company receives the training report, the audit findings and the proposed layout plan.

Bilingual materials for every participant; each classroom course comes with its digital twin on OmniLearn.

Good to know

This day concentrates on storage. For the health effects of products, risk assessment at the workstation and the full reading of SDSs, see “Chemical Risk: CLP, SDS, Storage”.

Practical information

Duration	1 day
Audience	Storekeepers, warehouse and logistics managers, HSE managers, hygiene and cleaning managers
Prerequisites	No prerequisites
Group size	Groups of 6 to 12 participants, in-company
Format	In-company, face to face on your site
Language	French, Darija or English; bilingual materials
Funding	OFPPT special training contracts (TFP), GIAC, Maroc PME: we prepare the applications with you, at no extra cost.
Programme customisation	Programme adapted to your procedures, your equipment and your audience

Frequently asked questions

What is the difference with “Chemical Risk: CLP, SDS, Storage”?
That other course deals with chemical risk as a whole, in particular people’s exposure at the workstation. This one is devoted to the physical organisation of storage: separation, containment, stock and leak management.

What should we prepare before the session?
The inventory of stored products with their SDSs, and the plan of the storage room or rooms. These documents are used to build the separation plan during the workshop.

Are cleaning and disinfection products concerned?
Yes. In food plants, acid, alkaline or chlorinated detergents and disinfectants are a frequent source of incompatibilities. They are treated on the same basis as reagents and process products.

Is the storage of hazardous waste covered?
Yes, for the separation and containment rules that also apply to waste awaiting collection. Their disposal route depends on your service providers and the permits they hold.