

HOW TO CHOOSE THE RIGHT SAFETY CABINET TO MEET YOUR NEEDS?

THE RIGHT QUESTIONS TO ASK WHEN CHOOSING THE RIGHT SAFETY CABINET

All polluting, flammable or combustible products must be stored in suitable retention drums in terms of volume, physical and chemical properties so that they can be stored safely.



Which product family do you stock?

-  1. Flammable
-  2. Corrosive⁽¹⁾
-  3. Toxic ⁽¹⁾
-  4. Hazardous to the environment
-  5. Health hazard



How much space and volume do you need to store?

Each range has different cabinet sizes (under-cabinet, countertop, tall, with one or two doors) to suit your space and volume.



Do users complain about fumes?

If so, consider fitting the cabinet with a ventilation or filtration box. See the guide to ventilation equipment on the following pages.



Do you have to opt for fire resistance?

Our ranges include cabinets without fire resistance and cabinets with fire resistance. On the latter, we offer 30, 60 and 90 minutes fire resistant cabinets. Our 90 minutes cabinets have been successfully tested up to 105 minutes



1. Storage of flammable products

Do you want a fire resistant cabinet ?

YES

There are different levels of fire resistance. Some cabinets comply with the European standard EN 14470-1 with a fire resistance of 30, 60 or 90 minutes.

In general, the duration is chosen according to 3 criteria:

- The time it takes for the fire brigade to intervene on site
- The flammability rate of the products
- The budget to be allocated

Other ranges of cabinets comply with the international standard FM 6050 which corresponds to a 10 minutes fire test.

Ranges available :

	90 minutes fire resistant cabinets	Range 790+
	90 minutes fire resistant cabinets with drawers	Range 790+T
	60 minutes fire resistant cabinets	Range 760+
	30 minutes fire resistant cabinets	Range 3030
	30 minutes fire resistant cabinets with drawers	Range 3030T
	30 minutes fire resistant cabinets with glass doors	Range 3030PV
	30 minutes fire resistant under-bench cabinets	Range 7030
	FM safety cabinets	Range 2

NO

Ranges available without fire resistance :

Cabinets with integrated fire extinguisher	Range 1
Safety cabinets for dangerous products	Range 14E
Modular multi-risk safety cabinets (steel or glass doors)	Range 14
Safety cabinets for dangerous products	Range 14L
Safety cabinets with drawers	Range 14T

FIND OUR INTERACTIVE SELECTION GUIDE ON ecosafesa.com

(1) Corrosive products (including acids and bases), (picto). Toxic products (including CMR products, polluting/environmentally hazardous products, harmful and irritating products).

2. Storage of corrosive products

Firstly, note that corrosive products are divided into two categories: Acids and bases. These two types should be stored in separate compartments.

Are your products concentrated and aggressive ?

YES _____

The main thing to consider is that corrosive products can attack metal. If your products are concentrated and aggressive, we recommend PVC cabinets.

Anti-corrosion cabinets in PVC	Range 8A+
--------------------------------	-----------

NO _____

If the products are diluted or little aggressive, we recommend melamine based cabinets (good resistance to corrosive) or cabinets in steel.

Do you store acids and bases, or only one of the 2 category?

Storage of acids AND bases - ranges available :

Anti-corrosion cabinets in melamine	Range 8B+
Modular and compartmentalised safety cabinets	Range 14

Storage of acids OR bases - ranges available :

Anti-corrosion cabinets in melamine	Range 8B+
Safety cabinets for dangerous products two-colored design	Range 14E
Modular multi-risk safety cabinets	Range 14
Safety cabinets for dangerous products	Range 14L
Safety cabinets with drawers	Range 14T

3. Storage of toxic products

The storage of toxic products requires only retention tanks, key locking system, a standardized labeling and minimal natural ventilation.

Ranges available :

Safety cabinets for dangerous products	Range 14E
Modular multi-risk safety cabinets	Range 14
Safety cabinets for dangerous products	Range 14L
Safety cabinets with drawers	Range 14T
Safety cabinets for reagents and toxic products	Range 13

4. Storage of plant protection products

The storage of plant protection products only requires retention bins, a lock, a standardised pictogram and minimal natural ventilation.

Ranges available :

Safety cabinets for phytosanitary products	Range 16L
Safety cabinets for pesticides	Range 16K
Safety cabinets for phytosanitary products in green colour	Range 16E

5. Storage of several families of products

Do you want a fire resistant cabinet?

YES _____




There are different levels of fire resistance. Some cabinets comply with the European standard EN 14470-1 with a fire resistance of 30 or 90 minutes.

In general, the duration is chosen according to 3 criteria:

- The time it takes for the fire brigade to intervene on site
- The flammability rate of the products
- The budget to be allocated

Other ranges of cabinets comply with the international standard FM 6050 which corresponds to a 10 minute fire test.

Ranges available :

 APPROVED EN14470-1	90 minutes fire resistant multirisk cabinets	Range 790+M
 APPROVED EN14470-1	90 minutes fire resistant multirisk cabinets with PVC or melamine for the storage of aggressive acids	Range 11B+
 APPROVED EN14470-1	30 minutes fire resistant cabinets	Range 3030M





NO _____

Ranges available without fire resistance:

Modular multi-risk safety cabinets	Range 14
Under-cabinet safety cabinets	Range 6
Safety cabinets with drawers	Range 14T
Safety cabinets for dangerous products	Range 14L
Safety cabinets for dangerous products two-colored design	Range 14E

AND ALSO _____

We also have cabinets for :

 1h30 NF FIRE 017	Fire resistant document cabinets	Ranges AD3, AD4, AD30, AD76+, AD79+
	Mobile phone cabinets	Range 21
	Medicine cabinets	Range 19
	Retention shelving	Range R

© ECOSAFE reserves the right to discontinue or change specifications or designs at any time without notice and without incurring obligations. 09/2021

Fume hoods, filtering cabinets - Ventilation

Lithium-ion cabinets

Flammable cabinets

Corrosive cabinets

Toxic cabinets and Multirisk

Containment and cans

File cabinets Anti-fire equipments

Showers and first-aid equipments