## Storing Chemicals

*identify five categories of chemicals from their hazard symbols.*

*state where and how a chemical from each identified category should be stored. This must include the appropriate location, type of container/label/position.*

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| **Hazard Category** | **Symbol** | **Storage** |
| Flammable Category 1 & 2 |  | Unless you have a designated flammable store, these should be in a flammable cabinet positioned at the furthest point from the door.  If space is limited, put the Category 1 substances in there and as many of the Category 2 as fit. |
| Flammable Category 3 |  | If the flammable cabinet is big enough, they can go in there, otherwise in the chemical store, in trays to retain any spillage, close to the cabinet. |
| Oxidising solid/liquid |  | Can be on open shelves but should be well away from any flammables or reducing agents – at the other end of the store |
| Acute Toxic Category 1-3 | GHS-pictogram-skull_small.jpg | There is no need for a ‘poisons’ cabinet: indeed it can make safe organization harder. They can simply be stored on the shelves but a flammable toxin should be with the flammables and an oxidizing one with the oxidizing agents. |
| Acute Toxic Category 4 | GHS-pictogram-Warning_small.jpg |
| Carcinogenic/ Mutagenic | GHS-pictogram-silhouete_small.jpg | There are no specific requirements for storing these so they can simply go on the shelves in the store – unless they are flammable or oxidisng/ |
| Reproductive toxin | GHS-pictogram-silhouete_small.jpg |
| Skin / Respiratory sensitiser category | GHS-pictogram-silhouete_small.jpg |
| Hazardous to the aquatic environment |  |
| Skin Corrosive Category 1 | GHS-pictogram-acid-small.jpg | Corrosives, such as concentrated acids, CAN go in a specific corrosives cabinet but . . . it will corrode. The best option is to place them in trays (to retain spillage) at floor level in the chemical store. The ordinary room ventilation will clear away any fumes. |
| Eye Damage Category 1 | GHS-pictogram-acid-small.jpg |
| Skin / Eye / Respiratory irritant Category 2 | GHS-pictogram-Warning_small.jpg | There are no specific requirements for these so just put them on the shelves as appropriate |