

DISPOSAL OF CHEMICALS

When scanning the chemicals for the chemical inventory update, we should dispose of everything from the list below:

- **(almost) empty bottles,**
- **unused old chemicals** (e.g. you find a 10-year old bottle of a very common chemical),
- **and improperly stored chemicals** (the label on the chemical says "air sensitive, store under argon" and the chemical has been left outside for the last x-years).

Old / improperly stored chemicals should be brought to a designated fumehood and sorted into "container bins".

- The chemicals in original packaging can go into the containers just as they are, but different containers are needed to separately dispose of basic chemicals, acids, oxidizing reagents etc. (see figure below for compatibilities). A sticker "SPECIAL waste" should be put on all such containers (see figures below).

All chemicals that are no longer in their original containers / were "home-made" can be disposed of in the same way as described in the above paragraph, but a different sticker that reads "UNKNOWN waste" needs to be used (see figures below).

The containers can then be brought down to the magasin and place in a storage unit outside (in the same place where the rest of the trash bags with chemicals contaminated material from the lab also go).

However, very reactive / toxic chemicals (cyanides, Grignards, hydrides, organolithium reagents, Hg, Na / Li metals etc.) cannot be disposed of in this way. They either need to be quenched in the lab (e.g. Grignards) or put in a separate container (e.g. cyanides) and brought down to the magasin.

		Oxidizing	Flammable	Corrosive: ACID	Corrosive: BASE	Health hazard / toxic
Oxidizing						
Flammable						
Corrosive: ACID						
Corrosive: BASE						
Health hazard / toxic						

Explosive chemicals and compressed gases can not be stored with any other chemicals

LEGEND

Not Compatible	Store according to SDS Sections 7 and 10	Compatible
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②	EPFL	Remettant : ISIC – BCH – 1015 Lausanne
		Déchets spéciaux Sonderabfälle Rifiuti speciali
Ajouter/ rayer pictogrammes en fonction des dangers connus / Add/ cross out pictograms according to hazards		Code OMOd : 16 05 06
Groupe:		Déchets PARTICULIER/ SPECIAL waste: précisez toutes les informations/ indicate all information
<input type="checkbox"/> déchet neutralisé/ neutralised waste		<input type="checkbox"/> transport par chaîne du froid/ refrigerated transport
Nom: Substances:		<input type="checkbox"/> nanoparticules <input type="checkbox"/> déchet chimique
Solvant:		
Date:	pH=	Métaux:

①	EPFL	Remettant : ISIC – BCH – 1015 Lausanne
		Déchets spéciaux Sonderabfälle Rifiuti speciali
Ajouter/ rayer pictogrammes en fonction des dangers connus / Add/ cross out pictograms according to hazards		Code OMOd : 16 05 98
Groupe:		Déchets INCONNU UNKNOWN waste
Nom:		Si possible indiquer / if possible indicate Données connues / known information:
Date:		