

EHSO Chemical Storage Guidelines

Note: These are general guidelines and are not a substitute for referring to the Safety Data Sheet (SDS) for specific storage, handling and disposal guidance.

Hazard Class		WHAT (Details)	HOW (Recommended Storage Practices)	WHERE (Recommended Location)
		Flammables Flammables that are also corrosive or toxic may be stored in the flammables cabinet	<ul style="list-style-type: none"> Store in Flammables Cabinet Outside of a Flammables Cabinet, store up to 16 L per 100 ft² of lab space Store away from heat sources (ovens, incubators) 	 Flammables Cabinet
		Bases (Sodium Hydroxide, Ammonium Hydroxide)	Store separate from acids <ul style="list-style-type: none"> Liquids in secondary bin/tray on shelf Solids on shelf 	 Wooden Cabinet
		Toxic and Health Hazards Includes carcinogens, teratogens, mutagens and acutely toxic <ul style="list-style-type: none"> Chemicals that have flammable, oxidizer or corrosive hazard should be stored based on that hazard 	Store separate from non-toxic materials <ul style="list-style-type: none"> Liquids in secondary bin/tray on shelf Solids on shelf 	
				 Lab Shelving
		Irritants and Harmful Chemicals that have flammable, oxidizer or corrosive hazard should be stored based on that hazard	Solids and Liquids on shelf or in cabinet <ul style="list-style-type: none"> separate from toxic materials 	
		Oxidizers Separate liquid and solid oxidizers	<ul style="list-style-type: none"> Liquids in secondary bin, either at room temperature (<8% v/v solutions) or in a refrigerator (>8%) Solids in secondary bin on low shelf, away from flammable materials 	 Refrigerator
		Explosives Separate from all other chemicals <ul style="list-style-type: none"> Contact EHSO for further assistance 	<ul style="list-style-type: none"> Store away from heat sources (ovens, incubators) 	