

DANGEROUS GOODS AND COMBUSTIBLE LIQUIDS SEGREGATION CHART

Class or Subsidiary Risk													
	Flammable Gas	Suitable to store together	0m	3 m	3 m	3 m	3 m	3 m	3 m	Isolate	Isolate	3 m	3 m
	Non-Toxic Non-Flammable Gases	0m	0m	0m	0m	3 m	3 m	3 m	3 m	Isolate	Isolate	3 m	3 m
	Toxic	3 m	0m	May Not be compatible check SDS & notes	3 m	3 m	3 m	3 m	3 m	Isolate	Isolate	3 m	3 m
	Oxidizing Gas	3 m	0m	3 m	0m	3 m	3 m	3 m	3 m	Isolate	Isolate	3 m	3 m
	Flammable Liquids	3 m	3 m	3 m	3 m	0 m	3 m	3 m	3 m	Isolate	Isolate	3 m	3 m
	Flammable Solids	3 m	3 m	3 m	3 m	3 m	0 m	3 m	3 m	Isolate	Isolate	3 m	May Not be compatible check SDS & notes
	Spontaneously Combust	3 m	3 m	3 m	3 m	3 m	3 m	0 m	3 m	Isolate	Isolate	3 m	3 m
	Dangerous When Wet	3 m	3 m	3 m	3 m	3 m	3 m	3 m	0 m	Isolate	Isolate	3 m	3 m
	Oxidizing Agent #	Isolate	Isolate	Isolate	Isolate	Isolate	Isolate	Isolate	Isolate	★	Isolate	3 m	3 m
	Organic Peroxide	Isolate	Isolate	Isolate	Isolate	Isolate	Isolate	Isolate	Isolate	Isolate	0 m	Isolate	3 m
	Toxic Substance	3 m	3 m	3 m	3 m	3 m	3 m	3 m	3 m	3 m	Isolate	0 m	3 m
	Corrosive	3 m	3 m	3 m	3 m	3 m	May Not be compatible check SDS & notes	3 m	3 m	3 m	3 m	3 m	May Not be compatible check SDS & notes

**GUIDELINES**

1. In all cases the manufacturers SDS should be consulted.
  2. Combustible liquids shall be segregated in the same manner as Class 3 flammables.
  3. Do not store "Dangerous when wet" chemicals in areas with water suppression systems i.e. sprinklers.
- # Contact with flammables or combustible substance causes vigorous oxidation reactions resulting in spontaneous heat production and possible fire/explosion.

**ISOLATE**

This requirement refers to organic peroxides, for which dedicated stores or storage cabinets are recommended. Adequate separation from other laboratories/buildings/boundaries is required.

★ May not be compatible with its own class. Refer to manufacturers SDS.

**SEGREGATE**

A distance of >3-5m is required between chemical storage cabinets where the aggregate capacity is <250kg or L.

If the aggregate capacity is >250kg or L cabinets must be 10m apart or have a fire rated wall in between them.

For other Dangerous goods external to cabinets, the distance is measured from the edge of the spill catchment area. Consult SDS from specifications.