

DANGEROUS GOODS SEGREGATION CHART

Class		2				3	4			5		6	8		
		Flammable Gasses	Non-flammable, Non-Toxic gases	Toxic Gases	Oxidizing Gasses	Flammable Liquid	Flammable Solids	Spontaneously Combustible substances	Dangerous when wet	Oxidizing Agent	Organic Peroxide	Toxic Substances	Corrosives		
															
2	Flammable Gasses		Suitable to store together	0 m	3 m	3 m	3 m	3 m	3 m	3 m	ISOLATE!	ISOLATE!	3 m	3 m	
	Non-flammable, Non-Toxic gases		0 m	0 m	0 m	0 m	3 m	3 m	3 m	3 m	ISOLATE!	ISOLATE!	3 m	3 m	
	Toxic Gases		3 m	0 m	May Not be compatible. check SDS & notes.	3 m	3 m	3 m	3 m	3 m	ISOLATE!	ISOLATE!	3 m	3 m	
	Oxidizing Gasses		3 m	0 m	3 m	0 m	3 m	3 m	3 m	3 m	ISOLATE!	ISOLATE!	3 m	3 m	
3	Flammable Liquid		3 m	3 m	3 m	3 m	0 m	3 m	3 m	3 m	ISOLATE!	ISOLATE!	3 m	3 m	
4	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 Combustible substances		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	
5	Oxidizing Agent [*] 1		ISOLATE!	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	3 m	3 m	
6	Toxic Substances		3 m	3 m	3 m	3 m	3 m	3 m	3 m	3 m	3 m	3 m	0 m	3 m	
8	Corrosives		3 m	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.

PRECAUTIONS →	<p>1. Refer to the manufacturer's/Chemwatch Gold SDS for guidance.</p> <p>2. Combustible liquids must be stored with the same segregation precautions as Class 3 flammable substances.</p> <p>3. Avoid storing "Dangerous When Wet" chemicals in areas equipped with water-based suppression systems, such as sprinklers.</p> <p>*1 Contact with flammable or combustible substances may lead to vigorous oxidation reactions, potentially causing spontaneous heat generation and risk of fire or explosion.</p>
ISOLATE! →	<p>This requirement applies to organic peroxides, which should be stored in dedicated storage cabinets or facilities. It is essential to maintain adequate separation from other laboratories, buildings, and boundaries.</p> <p>*2 Note that Oxidizing Agents may not be compatible with other chemicals in the same class. Please refer to the manufacturer's SDS for specific compatibility information.</p>
SEGREGATE →	<p>A distance of more than 3 to 5 meters is required between chemical storage cabinets when the aggregate capacity is less than 250 kg or liters. If the aggregate capacity exceeds 250 kg or liters, cabinets must be placed at least 10 meters apart or separated by a fire-rated wall.</p> <p>For other dangerous goods stored externally to cabinets, the distance is measured from the edge of the spill catchment area. Please consult the SDS for specific specifications.</p>