

Chemical Group Compatibility for Safe Storage

Chemical Group	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1. Inorganic Acids		X	X	X	X	X	X	X		X	X		X	X		X	X	X	X		X	X		X
2. Organic Acids	X		X	X			X							X		X	X	X	X			X		X
3. Caustics	X	X			X		X	X					X	X	X	X	X	X		X		X		X
4. Amines	X	X			X		X	X			X		X	X	X	X	X	X						X
5. Halogenated Compounds	X		X	X										X			X							
6. Alcohols and Glycols	X						X							X		X								X
7. Aldehydes	X	X	X	X		X		X							X	X	X		X	X				X
8. Ketones	X		X	X			X												X	X				
9. Saturated Hydrocarbons																				X			X	
10. Aromatic Hydrocarbons	X																			X			X	
11. Olefins	X			X																X			X	
12. Petroleum Oils																				X			X	
13. Esters	X		X	X															X	X				
14. Polymerizable Compounds	X	X	X	X	X	X									X	X			X	X	X			X
15. Phenols			X	X			X							X		X			X	X				
16. Alkylene Oxides	X	X	X	X		X	X							X	X		X	X	X				X	X
17. Cyanohydrins	X	X	X	X	X		X									X			X					X
18. Nitriles	X	X	X	X												X								X
19. Ammonia	X	X					X	X					X	X	X	X	X			X				X
20. Halogens			X			X	X	X	X	X	X	X	X	X	X				X		X	X		
21. Ethers	X													X						X				
22. Phosphorus	X	X	X																	X			X	
23. Sulfur (molten)									X	X	X	X				X						X		
24. Acid Anhydrides	X		X	X		X	X							X		X	X	X	X					

X Unsafe storage combination

Safe storage combination