

COMPATIBILITY TABLE

CARGO GROUPS	REACTIVE GROUPS																							
	1. NON-OXIDIZING MINERAL ACIDS	2. SULFURIC ACID	3. NITRIC ACID	4. ORGANIC ACIDS	5. CAUSTICS	6. AMMONIA	7. ALIPHATIC AMINES	8. ALKANOLAMINES	9. AROMATIC AMINES	10. AMIDES	11. ORGANIC ANHYDRIDES	12. ISOCYANATES	13. VINYL ACETATE	14. ACRYLATES	15. SUBSTITUTED ALLYLS	16. ALYKENE OXIDES	17. EPICHLOROHYDRIN	18. KETONES	19. ALDEHYDES	20. ALCOHOLS, GLYCOLS	21. PHENOLS, CRESOLS	22. CAPROLACTAM SOLUTION		
1. NON-OXIDIZING MINERAL ACIDS		X																					1	
2. SULFURIC ACID	X		X	X	X	X	X	X	X	X	X	X	X							A	E		X	2
3. NITRIC ACID			X																					3
4. ORGANIC ACIDS			X																		F			4
5. CAUSTICS		X	X	X	X							X	X										X	5
6. AMMONIA		X	X	X	X							X	X	X								X	X	6
7. ALIPHATIC AMINES		X	X	X	X							X	X	X	X	X	X	X	X	X	X	X	X	7
8. ALKANOLAMINES		X	X	X	X							X	X	X	X	X	X	X	B	X			X	8
9. AROMATIC AMINES		X	X	X	C							X	X							X				9
10. AMIDES		X	X	X		X																X		10
11. ORGANIC ANHYDRIDES		X	X	X		X	X	X	X															11
12. ISOCYANATES		X	X	X	X	X	X	X	X	X						D					X		X	12
13. VINYL ACETATE		X	X	X		X	X	X																13
14. ACRYLATES			X	X			X	X																14
15. SUBSTITUTED ALLYLS			X	X			X	X					D											15
16. ALYKENE OXIDES		X	X	X	X	X	X	X																16
17. EPICHLOROHYDRIN		X	X	X	X	X	X	X																17
18. KETONES			X	X			X	B																18
19. ALDEHYDES		X	X	X		X	X	X	X															19
20. ALCOHOLS, GLYCOLS		E	X	X	F	X	X					X												20
21. PHENOLS, CRESOLS			X	X		X	X			X														21
22. CAPROLACTAM SOLUTION			X			X	X					X												22
30. OLEFINS			X	X																				30
31. PARAFFINS																								31
32. AROMATIC HYDROCARBONS				X																				32
33. MISC. HYDROCARBON MIXTURES				X																				33
34. ESTERS			X	X																				34
35. VINYL HALIDES				X																		X		35
36. HALOGENATED HYDROCARBONS			G			H		I																36
37. NITRILES			X																					37
38. CARBON DISULFIDE							X	X																38
39. SULFOLANE																								39
40. GLYCOL ETHERS			X									X												40
41. ETHERS			X	X																				41
42. NITROCOMPOUNDS						X	X	X	X	X														42
43. MISC. WATER SOLUTIONS			X									X												43
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		

Reactivity Differences (Deviations) Within Chemical Groups

- A. Formaldehyde (19), Acrolein (19), Crotonaldehyde (19), and 2-Ethyl-3-Propyl Acrolein (19) are not compatible with group 1, Nonoxidizing Mineral Acids.
- B. Isophorone (18) and Mesityl Oxide (18) are not compatible with group 8, Alkanolamines
- C. Acrylic Acid (4) is not compatible with group 9, Aromatic amines.
- D. Allyl Alcohol (15) is not compatible with group 12, Isocyanates.
- E. Furfuryl Alcohol (20) is not compatible with group 1, Nonoxidizing Mineral Acids.
- F. Furfuryl Alcohol (20) is not compatible with group 4, Organic Acids.
- G. Dichloroethyl Ether (36) is not compatible with group 2, Sulfuric Acid.
- H. Trichloroethylene (36) is not compatible with group 5, Caustics.
- I. Ethylenediamine (7) is not compatible with Ethylene Di-chloride (36).