

Appendix A to Part 27. -- DHS Chemicals of Interest¹

Chemicals of Interest (COI)	Synonym	Chemical Abstract Service (CAS) #	Release		Theft		Sabotage		Security Issue							
			Minimum Concentration (%)	Screening Threshold Quantities (in pounds)	Minimum Concentration (%)	Screening Threshold Quantities (in pounds unless otherwise noted)	Minimum Concentration (%)	Screening Threshold Quantities	Release - Toxic	Release - Flammables	Release - Explosives	Theft - CW/CWP	Theft - WME	Theft - EXP/IEDP	Sabotage/Contamination	
Vinyl acetate monomer	[Acetic acid ethenyl ester]	108-05-4	1.00	10,000					X							
Vinyl acetylene	[1-Buten-3-yne]	689-97-4	1.00	10,000					X							
Vinyl chloride	[Ethene, chloro-]	75-01-4	1.00	10,000					X							
Vinyl ethyl ether	[Ethene, ethoxy-]	109-92-2	1.00	10,000					X							
Vinyl fluoride	[Ethene, fluoro-]	75-02-5	1.00	10,000					X							
Vinyl methyl ether	[Ethene, methoxy-]	107-25-5	1.00	10,000					X							
Vinylidene chloride	[Ethene, 1,1-dichloro-]	75-35-4	1.00	10,000					X							
Vinylidene fluoride	[Ethene, 1,1-difluoro-]	75-38-7	1.00	10,000					X							
Vinyltrichlorosilane		75-94-5						ACG	APA							X
VX	[o-Ethyl-S-2-diisopropylaminoethyl methyl phosphonothiolate]	50782-69-9			CUM 100g								X			
Zinc hydrosulfite	[Zinc dithionite]	7779-86-4						ACG	APA							

¹ The acronyms used in this appendix have the following meaning: ACG = A Commercial Grade; APA = A Placarded Amount; CW/CWP = Chemical Weapons/Chemical Weapons Precursors; WME = Weapons of Mass Effect; EXP/IEDP = Explosives/Improvised Explosive Device Precursors