Appendix A to Part 27. -- DHS Chemicals of Interest [1]

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
1,3-Butadiene		106-99-0	1.00	10,000						X					
Butane		106-97-8	1.00	10,000						X					
Butene		25167-67-3	1.00	10,000						X					
1-Butene		106-98-9	1.00	10,000						X					
2-Butene		107-01-7	1.00	10,000						X					
2-Butene-cis		590-18-1	1.00	10,000						X					
2-Butene-trans	[2-Butene, (E)]	624-64-6	1.00	10,000						X					
Butyltrichlorosilane		7521-80-4					ACG	APA							X
Calcium hydrosulfite	[Calcium dithionite]	15512-36-4					ACG	APA							X
Calcium phosphide		1305-99-3					ACG	APA							X
Carbon disulfide		75-15-0	1.00	20,000					X						
Carbon oxysulfide	[Carbon oxide sulfide (COS); carbonyl sulfide]	463-58-1	1.00	10,000						X					
Carbonyl fluoride		353-50-4			12.00	45							X		
Carbonyl sulfide		463-58-1			56.67	500							X		
Chlorine		7782-50-5	1.00	2,500	9.77	500			X				X		
Chlorine dioxide	[Chlorine oxide, (ClO2)]	10049-04-4	1.00	1,000			ACG	APA	X						X
Chlorine monoxide	[Chlorine oxide]	7791-21-1	1.00	10,000						X					
Chlorine pentafluoride		13637-63-3			4.07	15							X		
Chlorine trifluoride		7790-91-2			9.97	45							X		
Chloroacetyl chloride		79-04-9					ACG	APA							X
2-Chloroethylchloro-methylsulfide		2625-76-5			CUM 100g							X			
Chloroform	[Methane, trichloro-]	67-66-3	1.00	20,000					X						
Chloromethyl ether	[Methane, oxybis(chloro-)]	542-88-1	1.00	1,000					X						
Chloromethyl methyl ether	[Methane, chloromethoxy-]	107-30-2	1.00	5,000					X						
1-Chloropropylene	[1-Propene, 1-chloro-]	590-21-6	1.00	10,000						X					
2-Chloropropylene	[1-Propene, 2-chloro-]	557-98-2	1.00	10,000						X					