[Sabotage/Contamination		×	×	×	×							×		×	×	×			
		ADƏI/9X3 — Nə dT													×						×
	Security Issue	Theft – WME																			
	₹	Theft – CW/CWP																			
		Release – Explosives																			×
	Ś	Release – Flammables	×					×		×	×		×								
		Release – Toxic							×			×							×	×	
	Sabotage	Screening Threshold Quantities		APA	APA	APA	APA							APA		APA	APA	APA			
	Sab	(%) nottentration Concentration (%)		ACG	ACG	ACG	ACG							ACG		ACG	ACG	ACG			
terest ¹	Theft	Screening Threshold Quantities (in pounds unless otherwise noted)													6						400
s of In	۲	(%) nottentration (%)													ACG						ACG
emical	Release	Screening Threshold Quantities (in pounds)	10,000					10,000	5,000	10,000	10,000	15,000	10,000						10,000	20,000	5,000
HS Ch	Relo	(%) noitertnesneo muminiM	1.00					1.00	1.00	1.00	1.00	1.00	1.00						1.00	20.00	ACG
art 27 D		Chemical Abstract Service (CAS) #	75-07-0	75-86-5	2-96-905	75-36-5	507-02-8	74-86-2	107-02-8	107-13-1	814-68-6	107-18-6	107-11-9	107-37-9	7429-90-5	7727-15-3	7446-70-0	20859-73-8	7664-41-7	7664-41-7	6484-52-2
Appendix A to Part 27 DHS Chemicals of Interest ¹		Synonym						[Ethyne]	[2-Propenal] or Acrylaldehyde	[2-Propenenitrile]	[2-Propenoyl chloride]	[2-Propen-1-ol]	[2-Propen-1-amine]								
		Chemicals of Interest (COI)	Acetaldehyde	Acetone cyanohydrin, stabilized	Acetyl bromide	Acetyl chloride	Acetyl iodide	Acetylene	Acrolein	Acrylonitrile	Acrylyl chloride	Allyl alcohol	Allylamine	Allyltrichlorosilane, stabilized	Aluminum (powder)	Aluminum bromide, anhydrous	Aluminum chloride, anhydrous	Aluminum phosphide	Ammonia (anhydrous)	Ammonia (conc. 20% or greater)	Ammonium nitrate, [with more than 0.2 percent combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance]

Appendix A to Part 27—DHS Chemicals of Interest

Pt. 27, App. A

Chemicals of Interest Synonym (COI) Synonym (COI) Synonym Ammonium nitrate, solid Synonym Ammonium nitrate, solid Ammonium nitrate Ammonium perchlorate Ammonium perchlorate Antitoritor Ammonium perchlorate Antitoritorate Amm	Chemical Abstract Service (CAS) # (CAS) # 5484-52-2 6484-52-2 6484-52-2 131-74-8	ر (%) noitsethearteartearteartearteartearteartearteart	se	╞┝	Theft	I Sab	Sabotage	Ţ	š		Security Issue	9	
3%	Chemical Abstract Service (CAS) # (CAS) # 6484-52-2 6484-52-2 131-74-8	(%) noitettastion (%)	(Ì		I	Ī
	6484-52-2 7790-98-9 131-74-8	nminiM	Screening Threshold Quantities (in pound)	(%) Minimum Concentration (%)	Screening Threshold Quantities (in pounds unless otherwise noted)	(%) noitstration Concentration (%)	Screening Threshold Quantities	SixoT 9269197	Release - Flammables	Release Explosives	ЭМW — Ло́ЛТ	Theft – EXP/IEDP	Sabotage/Contamination
	7790-98-9 131-74-8			33.00	2000						ļ	×	Ι
	131-74-8	ACG	5.000	ACG	400				f			×	Γ
		-	-	ACG	400				Ĥ	×		×	Γ
	107-72-2	Ī				ACG			┝				×
<u> </u>	7783-70-2					ACG	APA		┝	-			×
azide 2-chloroethythio)-n- loroethythio)methane hythiomethylbether 2-chloroethythio)-n-	7784-34-1	1.00	15,000	30.00	2.2			×	┢	×	L		Γ
zzide :-chloroethylthio)-n- loroethylthio)methane ylthiomethyllether :-chloroethylthio)-n-	7784-42-1	1.00	1,000	0.67	15			×	\vdash		×		
:-chloroettrytthio)-n- loroettrytthio)methane ytthiomethyl)ether 2-chloroettrytthio)-n-	18810-58-7	ACG	5,000	ACG	400					X		х	
oroethylthio)methane ylthiomethyl)ether 6-chloroethylthio)-n-	142868-93-7			CUM	CUM 100g					×			
ylthiomethyl)ether 2-chloroethylthio)-n-	63869-13-6			CUM	CUM 100g				\vdash	×			
2-chloroethytthio)-n-	63918-90-1			CUM	CUM 100g					×			
	142868-94-8			CUM	CUM 100g					×			
1, 3-Bis(2-chloroethylthio)-n-	63905-10-2			CUM	CUM 100g					×			
Boron tribromide	10294-33-4		T	12.67	45	ACG	APA	T	+	+	×		×
Boron trichloride [Borane, trichloro]	10294-34-5	1.00	5,000	84.70	45	2		×	┢	-	×		1
	7637-07-2	┢─		26.87	45			×	┢	-	×		
Boron trifluoride compound [Boron, trifluoro [oxybis (methane)] with methyl ether (1:1)	ane)]- 353-42-4	1.00	15,000					×					
	7726-95-6	1.00	10,000					×		\square			
Bromine chloride	13863-41-7			9.67	45						×		
Bromine pentafluoride	7789-30-2				-	ACG	APA		+	_			×
Bromine trifluoride	7/8/-71-5			<u>6</u> .00	45	ACG	APA	1	╡	+	×		×

Sabotage Security Issue	Screening Threshold Quantities Release – Toxic Theft – CW/CWP Theft – CW/CWP Theft – CW/CWP	×	×	×	×	×			APA X X X X X X X X X X X X X X X X X X	APA X X X X X X X X X X X X X X X X X X	APA X X X X X X X X X X X X X X X X X X	X	x	×			APA X APA X	X	X		APA X X X X X X X X X X X X X X X X X X	×	×	×	X	X	
Н	(v) Screening Threshold Quantities (in pounds unless otherwise noted) Minimum Concentration (%)								ACG	ACG	ACG				500 500		ACG		7 15	17 45	ACG	CUM 1009					
Chemicals of Release	Minimum Concentration (%) Screening Threshold Quantifies (in pounds) Minimum Concentration (%)	1.00 10.000	┢	┝	+	1.00 10,000	1.00 10,000	1.00 10,000				1.00 20,000	1.00 10,000	12.00	56.67	1.00 2,500 9.77	-	1.00 10,000	4.07	9.97			1.00 20,000	1.00 1,000	1.00 5,000	1.00 10,000	
art 27 DHS	Chemical Abstract Service (CAS) #	106-99-0 1.	-	6	-	107-01-7 1.	590-18-1 1.	-	7521-80-4	15512-36-4	1305-99-3	75-15-0 1.		353-50-4	463-58-1	_	10049-04-4 1.	7791-21-1 1.	13637-63-3	7790-91-2	79-04-9	2625-76-5	67-66-3 1.	542-88-1 1.		590-21-6 1.	ł
Appendix A to Part 27 DHS Chemicals of Interest	Synonym							[2-Butene, (E)]		[Calcium dithionite]			[Carbon oxide sulfide (COS); carbonyl sulfide]				[Chlorine oxide, (CIO2)]	[Chlorine oxide]					[Methane, trichloro-]	[[Methane, oxybis(chloro-)]	[Methane, chloromethoxy-]	[[1-Propene, 1-chloro-]	
	Chemicals of Interest (COI)	1.3-Butadiene	Butane	Butene	1-Butene	2-Butene	2-Butene-cis	2-Butene-trans	Butyltrichlorosilane	Calcium hydrosulfite	Calcium phosphide	Carbon disulfide	Carbon oxysulfide	Carbonvl fluoride	Carbonyl sulfide	Chlorine	Chlorine dioxide	Chlorine monoxide	Chlorine pentafluoride	Chlorine trifluoride	Chloroacetyl chloride	2-Chloroethylchloro- methylsulfide	Chloroform	Chloromethyl ether	Chloromethyl methyl ether	1-Chloropropylene	

			Rele	Release	L I	Theft	Sab	Sabotage		Se	Security Issue	y Iss	θŊ	
Chemicals of Interest (COI)	Synonym	Chemical Abstract Service (CAS) #	(%) noitertrection (%)	blontsening Threshold Quantities (in pounds)	(%) noitertration (%)	Screening Threshold Quantities (in pounds unless otherwise noted)	Minimum Concentration (%)	Screening Threshold Quantities	Release – Toxic	Release Flammables	Release - Explosives	Theft - WME Theft - CW/CWP	Theft - EXP/IEDP	Sabotage/Contamination
Chlorosarin	[o-lsopropy methylphosphonochloridate1	1445-76-7			CUN	CUM 100g					Ê	×		
Chlorosoman	[o-Pinacoly methylohosohonochloridate]	7040-57-5			CUN	CUM 100g					Ê-	×		
Chlorosulfonic acid		7790-94-5					ACG	APA		┢	┝	┝		×
Chromium oxychloride		14977-61-8					ACG	APA			\vdash			×
Crotonaldehyde	[2-Butenal]	4170-30-3	1.00	10,000						X		_		
Crotonaldehyde, (E)-	[2-Butenal], (E)-]	123-73-9	1.00	10,000						Х				
Cvanogen	[Ethanedinitrile]	460-19-5	1.00	10,000	11.67	45				Х		×		
Cyanogen chloride		506-77-4	1.00	10,000	2.67	15			×			×		
Cyclohexylamine	[Cyclohexanamine]	108-91-8	1.00	15,000					×		-		_	
Cyclohexyltrichlorosilane		98-12-4					ACG	APA				_	_	×
Cyclopropane		75-19-4	1.00	10,000						×		_		
DF	Methyl phosphonyl difluoride	676-99-3			CUN	CUM 100g					Ĥ	×		
Diazodinitrophenol		87-31-0	ACG	5,000	ACG	400					×	_	×	
Diborane		19287-45-7	1.00	2,500	2.67	15			×			×		
Dichlorosilane	[Silane, dichloro-]	4109-96-0	1.00	10,000	10.47	45				×		×		
N,N-(2- diethvlamino)ethanethiol		100-38-9			30.00	2.2					<u> </u>	×		
Diethvldichlorosilane		1719-53-5					ACG	APA		┢	\vdash	┝	-	×
o,o-Diethyl S-[2-		78-53-5			30.00	2.2					Ĥ	×		
(diethylamino)ethyl] bhosnhorothiolate														
Diethvlenealvcol dinitrate		693-21-0	ACG	5.000	ACG	400					×	-	×	
Diethyl methylphosphonite		15715-41-0			30.00	2.2					Ê	X		
N,N-Diethyl phosphoramidic dichloride		1498-54-0			30.00	2.2					<u> </u>	×		
N,N-(2- diisopropylamino)ethanethiol	N,N-diisopropyl-(beta)- aminoethane thiol	5842-07-9			30.00	2.2					<u> </u>	×		

Of Synonym Of Interest Synonym Synonym Silane ItHydrazine, 1, 1-dimethyl-J Silane Silane, dichlordatej Soboramidic Dinitroglycoluril Silane ItHexanitrodiphenylaminej Silane ItHexanitrodiphenylaminej Silane Ithexanitrodiphenylaminej Silane Ithexanitrodiphenylaminej Silane Itherane, 1, 1-oxybis-J				Release	9356	F	Theft	Sab.	Sabotage		Sec	Security Issue	ssu	
Interfane Ithane Ith	emicals of interest (COI)	Synonym	Chemical Abstract Service (CAS) #	(%) noitertration Concentration		(%) noitertration (%)	Quantities (in pounds unless	(%) noitertration (%)	Screening Threshold Quantities				ЭМW ЛэнТ	Theft EXP/IEDP
	bethane	[Ethane. 1,1-difluoro-]	75-37-6	1.00	10,000					F	╞	┡	L	Г
efficiencient [Hydrazine, 1, 1-dimethyl-] $57-14-7$ 1.00 $10,000$ 2.2 X <t< td=""><td>isopropy! oramidic dichloride</td><td></td><td>23306-80-1</td><td></td><td></td><td>30.00</td><td>2.2</td><td></td><td></td><td>1</td><td></td><td>×</td><td></td><td></td></t<>	isopropy! oramidic dichloride		23306-80-1			30.00	2.2			1		×		
	nethvlhvdrazine	[Hvdrazine, 1, 1-dimethvl-]	57-14-7	1.00	10.000					T	×	-		
	vlamine	[Methanamine, N-methyl-]	124-40-3	1.00	10,000					F	×			
	vlamino)ethanethiol		108-02-1			30.00						×		
thyl phosphoramidic Entropylopsphoramidic Finally for the phosphoramidic Finally for the phosphoram	/dichlorosilane	[Silane, dichlorodimethyl-]	75-78-5	1.00	10,000			ACG	APA		×	_		
	nethyl phosphoramidic de	[Dimethylphosphoramido- dichloridate]	677-43-0			30.00						×		
	ethylpropane	[Propane, 2,2-dimethyl-]	463-82-1		10,000						×			
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		[Dinitroglycoluril]	55510-04-8		5,000	ACG	400				4	J		×
Image: Section of the constraint of the con	en tetroxide		10544-72-6			3.80	15			1	+	-	×	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	henol		25550-58-7	ACG	5,000	ACG	400				7	_		×
B0-10-4 B0-10-4 B0-10-4 B0-10-4 ACG	esorcinol		519-44-8	ACG	5,000	ACG	400			1	4	_		×
Itexantrodiphenylaminel 2217-06-3 ACG 5,000 ACG 400 X X X Idic 131-73-7 ACG 5,000 ACG 400 X X X X Idic 5842-06-8 30.00 2.2 X X X X Idic 5842-06-8 30.00 2.2 X X X X Idic 5842-06-8 30.00 2.2 X X X X Idic 131-73-7 ACG 5,000 ACG 400 X X X X Idic 40881-98-9 30.00 2.2 ACG APA X	/idichlorosilane		80-10-4					ACG	APA	+	+	-		1
[Hexanitrodiphenylamine] 131-73-7 ACG 5,000 ACG 400 A X X X idic 5842-06-8 5,000 30.00 2.2 X <td>sulfide</td> <td></td> <td>2217-06-3</td> <td>ACG</td> <td>5,000</td> <td>ACG</td> <td>400</td> <td></td> <td></td> <td>1</td> <td>7</td> <td>_</td> <td></td> <td>×</td>	sulfide		2217-06-3	ACG	5,000	ACG	400			1	7	_		×
idic [13.1] [13.	amine [or] Hexyl	[Hexanitrodiphenylamine]	131-73-7	ACG	5,000	ACG					7	-		×
idic tick the function of the	lamino)ethanethiol		5842-06-8			30.00						×		
Soliane 4484-72-4 4484-72-4 AGG APA A<	propyl phosphoramidic de		40881-98-9			30.00						×		
[Oxirane, (chloromethyl)-] 106-89-8 1.00 20,000 X 74-80-0 1.00 10,000 7 7 1	ritrichlorosilane		4484-72-4					ACG	APA					
74-84-0 1.00 10,000 9 9 e [1-Butyne] 107-00-6 1.00 10,000 9 9 Ethane, chloro-] 75-00-3 1.00 10,000 9 9 1 Ethane, 1,1-oxybis-] 60-29-7 1.00 10,000 9 1 1	rohydrin	[Oxirane, (chloromethyl)-]	106-89-8	1.00	20,000					×	-	_		
e [1-Butyne] 107-00-6 1.00 10,000 E Ethane, chloro-] 75-00-3 1.00 10,000 [Ethane, 1,1-oxybis-] 60-29-7 1.00 10,000			74-84-0	1.00	10,000						×	_		
[Ethane, chloro-] 75-00-3 1.00 10,000 [Ethane, 1,1-oxybis-] 60-29-7 1.00 10,000	cetylene	[1-Butyne]	107-00-6	1.00	10,000						×	-		
[Ethane, 1,1-oxybis-] 60-29-7 1.00 10,000	nloride	[Ethane, chloro-]	75-00-3	7 .0	10,000					1	×	-		
	Ethyl ether	[Ethane, 1,1-oxybis-]	60-29-/	3	10,000						<			

		Release Theft	Rel	Release	F	Theft	Sab	Sabotage		Se	Security Issue	lssi /	<u>e</u>
Chemicals of Interest (COI)	Synonym	Chemical Abstract Service (CAS) #	(%) noitstration Concentration (%)	blorteaning Threshold Quantification (in pounds)	(%) noitætnesnestim	Screening Threshold Quantities (in pounds unless otherwise noted)	(%) noitertration (%)	Screening Threshold Quantities	Release - Toxic	Release Flammables	Kelesse – CW/CMP	Theft WME	Theft EXP/IEDP
Ethvl nitrite	[Nitrous acid. ethvl ester]	109-95-5	1.00	10,000						×	┝		
Ethyl phosphonyl difluoride		753-98-0			ло О	CUM 100g					×		
Ethylamine	[Ethanamine]	75-04-7	1.00	10,000						X	_		
Ethyldiethanolamine		139-87-7			80.00	220					×		
Ethylene	[Ethene]	74-85-1	1.00	10,000						×	-		
Ethylene oxide	[Oxirane]	75-21-8	1.00	10,000						×	_		
Ethylenediamine	[1,2-Ethanediamine]	107-15-3	1.00	20,000					×	-	_		
Ethyleneimine	[Aziridine]	151-56-4	1.00	10,000						×	-		
Ethylphosphonothioic dichloride		993-43-1			30.00	2.2					×		
Ethyltrichlorosilane		115-21-9					ACG	APA		-			
Fluorine		7782-41-4	1.00	1,000	6.17	15			×			×	
Fluorosulfonic acid		7789-21-1					ACG	APA			-		
Formaldehyde (solution)		50-00-0	1.00	15,000					×				
Furan		110-00-9	1.00	10,000						×	_		
Germane		7782-65-2			20.73	45					_	×	
Germanium tetrafluoride		7783-58-6			2.11	15						×	
Guanyl nitrosaminoguanylidene hvdrazine			ACG	5,000	ACG	400					×		×
Hexaethyl tetraphosphate and compressed gas mixtures		757-58-4			33.37	500						×	
Hexafluoroacetone		684-16-2			15.67	45					-	×	
Hexanitrostilbene		20062-22-0	ACG	5,000	ACG	400					×		×
Hexolite	[Hexotol]	121-82-4	ACG	5,000	ACG	400					×		×
Hexyltrichlorosilane		928-65-4					ACG	APA		+	+	_	
HMX	[Cyclotetramethylene-	2691-41-0	9 QQ	5.000	ACG	6 6			_	-	>		×

-			_															_					
	Sabotage/Contamination	L									ļ							×					_
e	Theft - EXP/IEDP														×								
ISS	Theft – WME									×	×	×	×	×		×	×						
Ę	Theft - CW/CWP	×	×	×																			
Security Issue	Release – Explosives																						
ľ	Release – Flammables				×				×							×			×	×		×	×
	Release – Toxic					×	×	×			×		Х				×				×		
Sabotade	Screening Threshold Quantities																	APA					
Sab	(%) noitstration (%)																	ACG					
Theft	Screening Threshold Quantities (in pounds unless otherwise noted)	CUM 100g	CUM 100g	CUM 100g						500	500	15			400	15	45						
	(%) moitatration (%)	SUN	ло С	ло С						95.33	ACG	4.67	42.53	95.33	35.00	0.07	23.73						
Cnemicals	Screening Threshold Quantities (in pounds)				10,000	15,000	2.500	1,000	10,000		5,000		1,000			10,000	10,000		10,000	10,000	20,000	10,000	10,000
	(%) noitettestion (%)				1.00	37.00	1.00	50.00	1.00		1.00		1.00			1.00	1.00		1.00	1.00	1.00	1.00	1.00
ar 2/ U	Chemical Abstract Service (CAS) #	538-07-8	51-75-2	555-77-1	302-01-2	7647-01-0	74-90-8	7664-39-3	1333-74-0	10035-10-6	7647-01-0	74-90-8	7664-39-3	10034-85-2	7722-84-1	7783-07-5	7783-06-4	7783-66-6	13463-40-6	75-28-5	78-82-0	78-78-4	78-79-5
Appendix A to Part 2/ UHS Chemicals of Interest	Synonym	[Bis(2-chloroethvl)ethvlamine]	[Bis(2-chloroethyl)methylamine]	[Tris(2-chloroethyl)amine]								[Hydrocyanic acid]							[Iron carbonyl (Fe (CO)5), (TB5- 11)-]	[Propane, 2-methyl]	[Propanenitrile, 2-methyl-]	[Butane, 2-methyl-]	[1,3-Butadiene, 2-methyl-]
	Chemicals of Interest (COI)	HN1 (nitroden mustard-1)	HN2 (nitrogen mustard-2)	HN3 (nitrogen mustard-3)	Hydrazine	Hydrochloric acid (conc. 37% or greater)	Hvdrocvanic acid	Hydrofluoric acid (conc. 50% or greater)	Hvdrogen	Hydrogen bromide (anhydrous)	Hydrogen chloride (anhydrous)	Hydrogen cyanide	Hydrogen fluoride (anhydrous)	Hydrogen iodide, anhydrous	Hydrogen peroxide (concentration of at least 35%)	Hvdrogen selenide	Hydrogen sulfide	Iodine pentafluoride	Iron, pentacarbonyl-	Isobutane	Isobutyronitrile	Isopentane	Isoprene

			Release	ase	F	Theft	Sab	Sabotage		ŝ	Security Issue	V ISS	An	
Chemicals of Interest (COI)	Synonym	Chemical Abstract Service (CAS) #	(%) noitstration Concentration (%)	blorisering Threshold Quantities (in pounds)	(%) noitertretion (%)	Screening Threshold Quantities (in pounds unless otherwise noted)	(%) noitsttneonco muminiM	Screening Threshold Quantities	Release – Toxic	Release Flammables	Release - Explosives	Theft WME	Theft EXP/IEDP	Sabotage/Contamination
Isopropyl chloride	[Propane, 2-chloro-]	75-29-6	1.00	10,000						×	┝	┡		
Isopropyl chloroformate	[Carbonochloridic acid, 1- methvlethvl ester]	108-23-6	1.00	15,000					×					
Isopropvlamine	[2-Propanamine]	75-31-0	1.00	10.000						×	-	-	L	
Isopropylphosphonothioic dichloride		1498-60-8			30.00	2.2					Ê	×		
Isopropylphosphonyl difluoride		677-42-9			Ś	CUM 100g					Ê	×		
Lead azide		13424-46-9	ACG	5,000	ACG	400				F	×		×	
Lead styphnate	[Lead trinitroresorcinate]	15245-44-0	ACG	5,000	ACG	400					×		×	
Lewisite 1	[2-Chlorovinyldichloroarsine]	541-25-3			CUN	CUM 100g					×			
Lewisite 2	[Bis(2-chlorovinyl)chloroarsine]	40334-69-8			SUN	CUM 100g					×			
Lewisite 3	[Tris(2-chlorovinyl)arsine]	40334-70-1			CUN	CUM 100g					×			
Lithium amide		7782-89-0					ACG	APA						×
Lithium nitride		26134-62-3					ACG	APA				_		×
Magnesium (powder)		7439-95-4			ACG	100					-	_	×	
Magnesium diamide		7803-54-5					ACG	APA				_		×
Magnesium phosphide		12057-74-8					ACG	APA			-	-	_	×
MDEA	[Methyldiethanolamine]	105-59-9			80.00	220					×		_	
Mercury fulminate		628-86-4	ACG	5,000	ACG	400				-	×	_	×	
Methacrylonitrile	[2-Propenenitrile, 2-methyl-]	126-98-7	1.00	10,000					×	+	+	-		
Methane		74-82-8	1.00	10,000						×		_	_	
2-Methyl-1-butene		563-46-2	1.00	10,000						×	-			
3-Methyl-1-butene		563-45-1	1.00	10,000						×	-	_		
Methyl chloride	[Methane, chloro-]	74-87-3	1.00	10,000						×		_		
Methyl chloroformate	[Carbonochloridic acid, methyl ester]	79-22-1	1.00	10,000						×				
Methyl ether	[Methane, oxybis-]	115-10-6	1.00	10,000						Х				
Methyl formate	[Formic acid Methyl ester]	107-31-3	1.00	10,000						×	_			

Г	Sabotage/Contamination	-						X	X			×													-	-	7
	I Neit - ZAPAEDP	-	┝	-	-				~		Η	Ĥ		\vdash		X	-	×	X	X			×	×	×	×	4
allaal	Thet - WME	-	-	F			$\overline{\mathbf{x}}$	-	-		\vdash	-			-	2	×	2	2	$\hat{}$		~		$\hat{}$	7	-	2
2	Theft - CW/CWP	-	\vdash	Ĥ	-		$\hat{}$	_		×			×	×	_		$\hat{}$			-	×	Ĥ		-	+	-	4
Sacurity	Release Explosives	-	┝	-				-	-	<u> </u>		_	<u> </u>	Ê	-	_		_	X	×	<u> </u>	Η	×	×	-	Ŷ	┥
S.	Release - Flammables	-		×		×	-		-		×	X			X	-		-	-	Ĥ		Η	$\hat{}$		-	-	\neg
	Release Toxic	×	×	Ĥ	×	Ĥ		-			Ĥ					X	×			-		\square		-	-	-	\neg
\vdash		Ĥ	ĥ	-			-	_	_			_			-			_	-	-			-		-	-	\neg
Sahotada	Screening Threshold Builties Quantities								APA			APA															
deS	(%) noitstration Concentration (%)							ACG	ACG			ACG															
Theft	Screening Threshold Quantities (in pounds unless Otherwise noted)			500			45			2.2			CUM 100g	CUM 100g		400	15	100	400	400	2.2	15	400	400	400	400	15
	(%) noitentreation (%)			45.00			20.00			30.00			SUN	CUN		68.00	3.83	ACG	ACG	ACG	30.00	3.83	ACG	ACG	ACG	ACG	1.17
Chemicals	Screening Threshold Cuantities (in pounds)	15,000	10,000	10,000	20,000	10,000					10,000	10,000			10,000	15,000	10,000		5,000	5,000			5,000	5,000		5,000	
	(%) noitertration (%)	1.00	1.00	1.00	1.00	1.00					1.00	1.00			1.00	80.00	1.00		ACG	ACG			ACG	ACG		ACG	
art 2/ U	Chemical Abstract Service (CAS) #	60-34-4	624-83-9	74-93-1	556-64-9	74-89-5	993-00-0	75-54-7	149-74-6	676-98-2	115-11-7	75-79-6	505-60-2	63918-89-8	13463-39-3	7697-37-2	10102-43-9	98-95-3	2338-12-7	9004-70-0	55-86-7	10544-73-7	55-63-0	15825-70-4	75-52-5	9056-38-6	2696-92-6
Appendix A to Part 2/ UHS Chemicals of Interest	Synonym	IfHvdrazine. methyl-1	[Methane, isocyanato-]	[Methanethiol]	[Thiocyanic acid, methyl ester]	[Methanamine]					[1-Propene, 2-methyl-]	[Silane, trichloromethyl-]	[Bis(2-chloroethyl)sulfide]	[Bis(2-chloroethylthioethyl)ether]			[[Nitrogen oxide (NO)]				[Bis(2-chloroethyl)methylamine hydrochloride]			[Mannitol hexanitrate, wetted]			
	Chemicals of Interest (COI)	Methyl hydrazine	Methyl isocyanate	Methyl mercaptan	Methyl thiocyanate	Methylamine	Methylchlorosilane	Methyldichlorosilane	Methylphenyldichlorosilane	Methylphosphonothioic dichloride	2-Methylpropene	Methyltrichlorosilane	Sulfur mustard (Mustard gas (H))	O-Mustard (T)	Nickel Carbonyl	Nitric acid	Nitric oxide	Nitrobenzene	5-Nitrobenzotriazol	Nitrocellulose	Nitrogen mustard hydrochloride	Nitrogen trioxide	Nitroglycerine	Nitromannite	Nitromethane	Nitrostarch	Nitrosyl chloride

			Rel	Release	F	Theft	Sab	Sabotage		Se	Security Issue	y Iss	e	
Chemicals of Interest (COI)	Synonym	Chemical Abstract Service (CAS) #	(%) noitertretion Concentration (%)	blonzəring Threshold Quantificad in pounds)	(%) noitetteentration (%)	Screening Threshold Quantities (in pounds unless otherwise noted)	(%) noitertreford (%)	Screening Threshold Quantities	Release - Toxic	Release – Flammables	Release - Explosives	Theft - WME	Theft – EXP/IEDP	noitsnimstnoJ\9gstods2
Nitrotriazolone		932-64-9	ACG	5.000	ACG	400			L	t	×		×	
Nonvitrichlorosilane		5283-67-0					ACG	APA					L	×
Octadecvltrichlorosilane		112-04-9					ACG			1				×
Octolite		57607-37-1	ACG	5,000	ACG	400					×	-	×	
Octonal		78413-87-3	ACG	5,000	ACG	400					×	-	×	
Octyltrichlorosilane		5283-66-9					ACG	APA						×
Oleum (Fuming Sulfuric acid)	[Sulfuric acid, mixture with sulfur trioxide]	8014-95-7	1.00	10,000					×					
Oxvaen difluoride		7783-41-7			0.09	15						×		
3-Pentadiene		504-60-9	1.00	10,000						×				
Pentane		109-66-0	1.00	10,000						×	-			
- Pentene		109-67-1	1.00	10,000						×				
:-Pentene. (E)-		646-04-8	1.00	10,000						×	-			
2-Pentene, (Z)-		627-20-3	1.00	10,000						×				
Pentolite		8066-33-9	ACG	5,000	ACG	400					×	-	×	
Peracetic acid	[Ethaneperoxic acid]	79-21-0	1.00	10,000						×	-			
Perchloromethylmercaptan	[Methanesulfenyl chloride, trichloro-]	594-42-3	1.00	10,000					×					
Perchloryl fluoride		7616-94-6			25.67	45						×		
PETN	[Pentaerythritol tetranitrate]	78-11-5	ACG	5,000	ACG	400					×		×	
Phenyltrichlorosilane		98-13-5					ACG	APA				_		×
Phosgene	[Carbonic dichloride] or [carbonyl dichloride]	75-44-5	1.00	500	0.17	15			×			×		
Phosphine		7803-51-2	1.00	10,000	0.67	15				×		×		
Phosphorus		7723-14-0			ACG	400						_	×	
Phosphorus oxychloride	[Phosphoryl chloride]	10025-87-3	1.00	5,000	80.00	220	ACG		×			×		×
Phosphorus pentabromide		7789-69-7					ACG			+	+	+	_	×
Phosphorus pentachloride		10026-13-8					PCG ACG	APA				-		×
									I	t	ł	+	ļ	ŀ

			Release	ase	F	Theft	Sab	Sabotage		ŝ	Security issue	<u> 185</u>	e.	
Chemicals of Interest (COI)	Synonym	Chemical Abstract Service (CAS) #	(%) noitsitneonoO muminiM	Screening Threshold (sbruog ni) seititinsug	(%) noitettation (%)	Screening Threshold Quantities (in pounds unless otherwise noted)	(%) noitertration (%)	Screening Threshold Quantities	Release - Toxic	Release - Flammables	Release Explosives	Theft - WME	Theft - EXP/IEDP	noitenimetroclegetode2
Phosphorus trichloride		7719-12-2	1.00	15,000	3.48	45	ACG	APA	×		┝	×		×
Picrite	[Nitroguanidine]	556-88-7	ACG	5,000	ACG	400				Ĥ	×		×	
Piperidine		110-89-4	1.00	10,000						×	-			
Potassium chlorate		3811-04-9			ACG	400				-	_		×	
Potassium cyanide		151-50-8					ACG	APA		-	-			×
Potassium nitrate		7757-79-1			ACG	400			-	-	-	_	×	_
Potassium perchlorate		7778-74-7			ACG	400				-	-	_	×	
Potassium permanganate		7722-64-7			ACG	400							×	
Potassium phosphide		20770-41-6					ACG	APA						×
Propadiene	[1,2-Propadiene]	463-49-0	1.00	10,000						×				
Propane		74-98-6	1.00	60,000						×		_		
Propionitrile	[Propanenitrile]	107-12-0	1.00	10,000					×		_	_	_	
Propyl chloroformate	[Carbonchloridic acid, propylester]	109-61-5	1.00	10,000						×				
Propylene	[1-Propene]	115-07-1	1.00	10,000						×				
Propylene oxide	[Oxirane, methyl-]	75-56-9	1.00	10,000						×		-		
Propyleneimine	[Aziridine, 2-methyl-]	75-55-8	1.00	10,000					×		-			
Propylphosphonothioic dichloride		2524-01-8			30.00	2.2					×			
Propylphosphonyl difluoride		690-14-2			CUN	CUM 100g					×			
Propyltrichlorosilane		141-57-1					ACG	APA			-			×
Propyne	[1-Propyne]	74-99-7	1.00	10,000						X				
	[o-Ethyl-o-2-diisopropylaminoethyl methylphosphonite]	57856-11-8			CUN	CUM 100g					×			
RDX	[Cyclotrimethylenetrinitramine]	121-82-4	ACG	5,000	ACG	400					X		×	
RDX and HMX mixtures		121-82-4	ACG	5,000	ACG	400				Ê	×		×	
Sarin	[o-lsopropyl methylphosphonofluoridate]	107-44-8			CUN	CUM 100g					×			
Selenium hexafluoride		7783-79-1			1.67	15			┝	-	-	X		_

			Rei	Release			Sab	Sabotage		Sec	Security Issue	Issi	٩	
Chemicals of Interest (COI)	Synonym	Chemical Abstract Service (CAS) #	(%) muminim	Screening Threshold Quantifies (in pounds)	(%) noitertration (%)	Screening Threshold Quantities (in pounds unless Otherwise noted)	(%) nottentration (%)	Screening Threshold Quantities	Release - Toxic	Release - Fiammables	Release – Explosives	Theft – WME	Th eft EXP/IEDP	noitenimetno O\ 9getode2
Sesonimustard	[1.2-Bis(2-chloroethvlthio)ethane]	3563-36-8			ло С	CUM 1000			\uparrow	╋	ľ	╇		
		7803-62-5	1.00	10,000						×	-			
Silicon tetrachloride		10026-04-7					ACG	APA			-			×
Silicon tetrafiuoride		7783-61-1			15.00	45				\vdash	-	×		
Sodium azide		26628-22-8			ACG	400					_		×	
Sodium chlorate		7775-09-9			ACG	400				\vdash	-		×	
Sodium cyanide		143-33-9					ACG	APA		\vdash	-			×
Sodium hydrosulfite	[Sodium dithionite]	7775-14-6					ACG	APA		\vdash				×
Sodium nitrate		7631-99-4			ACG	400							х	
Sodium phosphide		12058-85-4					ACG	APA		Η				×
	[o-Pinacolyl methylphosphonofluoridate]	96-64-0			N) C	CUM 100g					×			
		7803-52-3			0.67	15				\vdash		×		
Strontium phosphide		12504-16-4					ACG	APA				_		×
Sulfur dioxide (anhydrous)		7446-09-5	1.00	5,000	84.00				×	-		×		
Sulfur tetrafluoride	[Sulfur fluoride (SF4), (T-4)-]	7783-60-0	1.00	2,500	1.33	15			×			×		
Sulfur trioxide		7446-11-9	1.00	10,000					×	Η				
Sulfuryl chloride		7791-25-5					ACG	APA						×
	[o-Ethyl-N,N- dimethylphosphoramido-cyanidate]	77-81-6			CUN	CUM 100g					×			
Fellurium hexafluoride		7783-80-4			0.83	15				-	-	×		
Tetrafluoroethylene	[Ethene, tetrafluoro-]	116-14-3	1.00	10,000						×				
Tetramethyllead	[Plumbane, tetramethyl-]	75-74-1	1.00	10,000					×					
etramethylsilane	[Silane, tetramethyl-]	75-76-3	1.00	10,000						×	_			
Tetranitroaniline		53014-37-2	ACG	5,000	ACG	400					×		×	
Tetranitromethane	[Methane, tetranitro-]	509-14-8	1.00	10,000						×				
[etrazene	[Guanyl	109-27-3	ACG	5.000	ACG	400			_		×		>	

		-		-	_					L					_	_	_	L									
٩	903I/9X3 – 1)o rt	×			;	××									>	< ×	×	×	×	×	×	×	×	×	×	×	×
Security Issue	Theft – WME			>	<						×	×															
Τţ	Theft CW/CWP		×					×	×	Х				2	×												
ecu	Release - Explosives	Х			;	××									>	< ×	×	×	×	×	×	×	×	×	Х	×	×
S	Release – Flammables						×					×	×	×													
	SixoT — əssələЯ			>	<																						
Sabotage	Screening Threshold Quantities			APA	AFA		APA							APA													
Sab	(%) noitettration (%)			ACG	9 V V		ACG							AcG													
Theft	Screening Threshold Quantities (in pounds unless otherwise noted)	400	2.2		40 40	400		220	220	220	45	500		000	220	400	400	400	400	400	400	400	400	400	400	400	400
F	(%) noitertration (%)	ACG	30.00	00.01	13.33	PCG ACG		80.00	80.00	80.00	6.93	66.67		00.00	80.00	P V V V V V V	ACG	ACG	ACG	ACG	ACG	ACG	ACG	ACG	ACG	ACG	ACG
Release	Screening Threshold (sbnuoq ni) sə bb nsuQ	5,000		0 200	2,500	5,000	10,000					10,000	10,000	10,000	000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
Rel	(%) noitertation Concentration (%)	ACG		00 7	00.1	POC ACC	1.00					1.00	1.00	1.00	UUV	ACG ACG	ACG	ACG	ACG	ACG	ACG	ACG	ACG	ACG	ACG	ACG	ACG
	Chemical Abstract Service (CAS) #	288-94-8	111-48-8	7719-09-7	110 00 1	118-96-/ 67713-16-0	10025-78-2	102-71-6	637-39-8	122-52-1	354-32-5	79-38-9	75-50-3	75-77-4	121-45-9	606-35-9	99-35-4	2508-19-2	129-66-8	88-88-0	129-79-3	602-99-3	55810-17-8	4732-14-3	88-89-1	82-71-3	54413-15-9
	Synonym		[Bis(2-hydroxyethyl)sulfide]		(1) Italiium cnoride (1) (1-4)-	[I rinitrotoluene]	[Silane, trichloro-]					[Ethene, chlorotrifluoro]	[Methanamine, N,N-dimethyl-]	[Silane, chlorotrimethyl-]													
	Chemicals of Interest (COI)	1H-Tetrazole	Thiodiglycol	Thionyl chloride	Than with ten acritoride	Torpex	Trichlorosilane	Triethanolamine	Triethanolamine hydrochloride	Triethyl phosphite	Trifluoroacetyl chloride	Trifluorochloroethylene	Trimethylamine	Trimethylchlorosilane	I rimetnyi pnospnite Trinitroaniline	Trinitroanisole	Trinitrobenzene	Trinitrobenzenesulfonic acid	Trinitrobenzoic acid	Trinitrochlorobenzene	Trinitrofluorenone	Trinitro-meta-cresol	Trinitronaphthalene	Trinitrophenetole	Trinitrophenol	Trinitroresorcinol	Tritonal

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Sabotage/Contamination

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	Sabotage/Contamination	-	-		_	_	_		-	$\widehat{}$		Ĥ
Issue	Thett - EXP/IEDP	_	_	_		_	_			-		\mathbf{H}
v Ise	Theft - WME	_	_	_	_	_	_		_			\mathbf{H}
Security		_	_	_						_	×	+
Sec	Release Explosives								_			+
	Release – Flammables	×	×	×	×	X	X	×	×			+
	Release - Toxic											Ш
Sabotage	Screening Threshold Quantities									APA		APA
Sab	(%) noitertration (%)									ACG		ACG
Theft	Screening Threshold Quantities (in pounds unless otherwise noted)										CUM 100g	
	Minimum Concentration (%)										ъ	
Release	Screening Threshold (sbruoq ni) səbbusu	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000			
Rel	(%) Minimum Concentration (%)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
	Chemical Abstract Service (CAS) #	108-05-4	689-97-4	75-01-4	109-92-2	75-02-5	107-25-5	75-35-4	75-38-7	75-94-5	50782-69-9	7779-86-4
	Synonym	[Acetic acid ethenyl ester]	[1-Buten-3-yne]	[Ethene, chloro-]	[Ethene, ethoxy-]	[Ethene, fluoro-]	[Ethene, methoxy-]	[Ethene, 1,1-dichloro-]	[Ethene, 1,1-difluoro-]		[o-Ethyl-S-2-diisopropylaminoethyl methyl phosphonothiolate]	[Zinc dithionite]
	Chemicals of Interest (COI)	Vinvl acetate monomer	Vinvl acetvlene	Vinvl chloride	Vinvl ethvl ether	Vinvt fluoride	Vinvi methvi ether	Vinylidene chloride	Vinvlidene fluoride	Vinyltrichlorosilane	XX	Zinc hydrosulfite

[72 FR 65420, Nov. 20, 2007]

PART 29—PROTECTED CRITICAL INFRASTRUCTURE INFORMATION

Sec.

- 29.1 Purpose and scope.
- 29.2 Definitions.
- 29.3 Effect of provisions.
- 29.4 Protected Critical Infrastructure Information Program administration.
- 29.5 Requirements for protection.
- 29.6 Acknowledgment of receipt, validation, and marking.
- 29.7 Safeguarding of Protected Critical Infrastructure Information.
- 29.8 Disclosure of Protected Critical Infrastructure Information.
- 29.9 Investigation and reporting of violation of PCII procedures.

AUTHORITY: Pub. L. 107–296, 116 Stat. 2135 (6 U.S.C. 1 *et seq.*); 5 U.S.C. 301.

SOURCE: 71 FR 52271, Sept. 1, 2006, unless otherwise noted.

§29.1 Purpose and scope.

(a) Purpose of this part. This part implements sections 211 through 215 of the Homeland Security Act of 2002 (HSA) through the establishment of uniform procedures for the receipt, care, and storage of Critical Infrastructure Information (CII) voluntarily submitted to the Department of Homeland Security (DHS). Title II, Subtitle B, of the Homeland Security Act is referred to herein as the Critical Infrastructure Information Act of 2002 (CII Act). Consistent with the statutory mission of DHS to prevent terrorist attacks within the United States and reduce the vulnerability of the United States to terrorism, DHS will encourage the voluntary submission of CII by safeguarding and protecting that information from unauthorized disclosure and by ensuring that such information is, as necessary, securely shared with State and local government pursuant to section 214(a) through (g) of the CII Act. As required by the CII Act, these rules establish procedures regarding:

(1) The acknowledgement of receipt by DHS of voluntarily submitted CII;

(2) The receipt, validation, handling, storage, proper marking and use of information as PCII;

(3) The safeguarding and maintenance of the confidentiality of such information, appropriate sharing of such

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information with State and local governments pursuant to section 214(a) through (g) of the HSA.

(4) The issuance of advisories, notices and warnings related to the protection of critical infrastructure or protected systems in such a manner as to protect from unauthorized disclosure the source of critical infrastructure information that forms the basis of the warning, and any information that is proprietary or business sensitive, might be used to identify the submitting person or entity, or is otherwise not appropriately in the public domain.

(b) *Scope*. The regulations in this part apply to all persons and entities that are authorized to handle, use, or store PCII or that otherwise accept receipt of PCII.

§29.2 Definitions.

For purposes of this part:

(a) Critical Infrastructure has the meaning stated in section 2 of the Homeland Security Act of 2002 (referencing the term used in section 1016(e) of Public Law 107–56 (42 U.S.C. 5195c(e)).

(b) Critical Infrastructure Information, or CII, has the same meaning as established in section 212 of the CII Act of 2002 and means information not customarily in the public domain and related to the security of critical infrastructure or protected systems, including documents, records or other information concerning:

(1) Actual, potential, or threatened interference with, attack on, compromise of, or incapacitation of critical infrastructure or protected systems by either physical or computer-based attack or other similar conduct (including the misuse of or unauthorized access to all types of communications and data transmission systems) that violates Federal, State, local, or tribal law, harms interstate commerce of the United States, or threatens public health or safety;

(2) The ability of any critical infrastructure or protected system to resist such interference, compromise, or incapacitation, including any planned or