§ 27.405

(ii) Exception. Section 27.400(k)(2) does not require a State or local government agency to destroy information that the agency is required to preserve under State or local law.

§ 27.405 Review and preemption of State laws and regulations.

- (a) As per current law, no law, regulation, or administrative action of a State or political subdivision thereof, or any decision or order rendered by a court under state law, shall have any effect if such law, regulation, or decision conflicts with, hinders, poses an obstacle to or frustrates the purposes of this regulation or of any approval, disapproval or order issued there under.
- (1) Nothing in this part is intended to displace other federal requirements administered by the Environmental Protection Agency, U.S. Department of Justice, U.S. Department of Labor, U.S. Department of Transportation, or other federal agencies.
 - (2) [Reserved]
- (b) State law, regulation or administrative action defined. For purposes of this section, the phrase "State law, regulation or administrative action" means any enacted law, promulgated regulation, ordinance, administrative action, order or decision, or common law standard of a State or any of its political subdivisions.
- (c) Submission for review. Any chemical facility covered by these regulations and any State may petition the Department by submitting a copy of a State law, regulation, or administrative action, or decision or order of a court for review under this section.

- (d) Review and opinion—(1) Review. The Department may review State laws, administrative actions, or opinions or orders of a court under State law and regulations submitted under this section, and may offer an opinion whether the application or enforcement of the State law or regulation would conflict with, hinder, pose an obstacle to or frustrate the purposes of this Part.
- (2) Opinion. The Department may issue a written opinion on any question regarding preemption. If the question was submitted under subsection (c) of this part, the Assistant Secretary will notify the affected chemical facility and the Attorney General of the subject State of any opinion under this section.
- (3) Consultation with States. In conducting a review under this section, the Department will seek the views of the State or local jurisdiction whose laws may be affected by the Department's review.

§27.410 Third party actions.

- (a) Nothing in this part shall confer upon any person except the Secretary a right of action, in law or equity, for any remedy including, but not limited to, injunctions or damages to enforce any provision of this Part.
- (b) An owner or operator of a chemical facility may petition the Assistant Secretary to provide the Department's view in any litigation involving any issues or matters regarding this Part.

APPENDIX A TO PART 27—DHS CHEMICALS OF INTEREST

Pt. 27, App. A

		Sabotage/Contamination		X	×	×	×							×		×	×	Х			
		Theft – EXP/IEDP													×						×
- 1	Issue	∃MW — ∄edT																			
	ž	Theft CWICWP																П			
	Security	Release Explosives																			×
- 1	Ś	Release – Flammables	×					×		×	×		×								
		Release – Toxic							×			×							×	×	
	Sabotage	Screening Threshold Quantities		APA	APA		APA							APA		APA	APA	APA			
	Sab	Minimum Concentration (%)		ACG	ACG	ACG	ACG							ACG		ACG	ACG	ACG			
terest 1	Theft	Screening Threshold Quantities (in pounds unless (beton esiwretto													100						400
s of In		Minimum Concentration (%)													ACG						ACG
emicals	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	Rel	Minimum Concentration (%)	1.00					1.00	1.00	1.00	1.00	1.00	1.00						1.00	20.00	ACG
art 27 C		Chemical Abstract Service (CAS) #	75-07-0	75-86-5	206-96-7	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		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]

Pt. 27, App. A

	Appendix A to Part 27 DHS Chemicals of Interest	art 27 D	HS Ch	emicals	s of Int	erest 1								
			Rele	Release	F	Theft	Sabo	Sabotage		Sec	in the	Security Issue	91	ı
Chemicals of Interest (COI)	Synonym	Chemical Abstract Service (CAS) #	Minimum Concentration (%)	Screening Threshold (abnuoq ii)	Minimum Concentration (%)	Screening Threshold Quantities (in pounds unless Quantities (in pounds)	Minimum Concentration (%)	Screening Threshold Quantities	Release Toxic	Release – Flammables	Release Explosives Theft CW/CWP	∃MW — JiefT	9d∃N9X∃ – Ne 4T	noitenimatnoOlegatode2
Ammonium nitrate, solid [nitrogen concentration of 23% nitrogen or greater]		6484-52-2			33.00	2000							×	
Ammonium perchlorate		7790-98-9	ACG	5,000	ACG	400				×	L	L	×	
Ammonium picrate		131-74-8	ACG	5,000	ACG	400				×	L	L	×	
Amyltrichlorosilane		107-72-2					ACG	APA	Т	H	H	L		X
Antimony pentafluoride		7783-70-2					ACG	APA		_	_			×
Arsenic trichloride	[Arsenous trichloride]	7784-34-1	1.00	15,000	30.00	2.2			×	Н	×	Н		
Arsine		7784-42-1	1.00	1,000	0.67	15			×	_	H	×	Ш	
Barium azide		18810-58-7	ACG	2,000	ACG	400				×	L		×	
1,4-Bis(2-chloroethylthio)-n-		142868-93-7			Vno	CUM 100g					×			
Bis(2-chloroethylthio)methane		63869-13-6			SO	CUM 100g			T	╁	×	Ļ	L	
Bis(2- chloroethylthiomethyl)ether		63918-90-1			S S	CUM 100g					×			
1,5-Bis(2-chloroethylthio)-n- pentane		142868-94-8			วิ	CUM 100g			<u> </u>		×			
1,3-Bis(2-chloroethylthio)-n- propane		63905-10-2			Sno	CUM 100g				<u> </u>	×	<u> </u>		
Boron tribromide		10294-33-4			12.67	45	ACG	APA	T	┝	-	×		×
Boron trichloride	[Borane, trichloro]	10294-34-5	1.00	5,000	84.70	45			×	\vdash	H	×		
Boron trifluoride	[Borane, trifluoro]	7637-07-2	1.00	2,000	26.87	45			×	Н	Н	×		
Boron trifluoride compound with methyl ether (1:1)	[Boron, trifluoro [oxybis (methane)]- ,T-4-]	353-42-4	1.00	15,000					×					
Bromine		7726-95-6	1.00	10,000					×	\vdash	Н	Ш		
Bromine chloride		13863-41-7			9.67	45				Н	Н	×		
Bromine pentafluoride		7789-30-2					ACG	APA	П	Н	Н	Ц	Ц	×
Bromine trifluoride		7787-71-5			9.00	45	ACG	APA	7	\dashv	4	ĭ		×
Bromotrifluorethylene	[Ethene, bromotrifluoro-]	598-73-2	1.00	10,000					٦	×	\dashv	4		

	П	Sabotage/Contamination		_						V	V	V						V				×				7	_	
		Theft – EXP/IEDP	Н	┝	H	Н	H	Н	\dashv		Ĥ	_				Н	-	Ĥ	\dashv	H	Н	Ĥ		Н		\dashv		_
	enss	Theft - WME	H	┝	-	Н			\dashv	-		Н			×	×	×		Н	×	×			Н	Н	\dashv	-	_
	S	Theft - CW/CWP	H	H	-	H	H	-	H	-		-			_	$\hat{}$	_	H	Н	$\hat{}$	^	-	×	Н	Н	+	-	_
	Security	Release Explosives	┝	┝	H		Н	Н	Н	-		-	_		_	Н	_		-				_	Н	Н	+	-	_
	Sec	Release – Flammables	×	×	×	×	×	×	\times	-	_	Н	_	×	_	H	Н	-	×		Н	Н		Н	Н	\dashv	×	×
		Release - Toxic	Ĥ	Ĥ	Ĥ	Ĥ	Ĥ	$\widehat{-}$	$\widehat{-}$	-	_	-	Ş	$\widehat{}$		H	×	×	$\widehat{-}$		_	Н		×	×	×	$\hat{-}$	Ê
	Н		┝	┝	H	H	Н	-	Н	-		Н	^		Н	H	$\hat{-}$			Н		Н		Â	Ĥ	$\hat{\dashv}$	-	_
	age	Screening Threshold Quantities								APA	APA	APA						APA				APA						
	Sabotage	F1-442	⊢	L	H	H	Н	Н		_	_				_	H			_	Н	_			H	Н	\dashv	_	
	Sa	(%) minimum Concentration (%)								ACG	ACG	ACG						ACG				ACG						
-	Н	otherwise noted)	Н	┢	r	H	Н	Н				П						Ħ		H		П			Н	П		
est	<u>.</u>	Quantities (in pounds unless													45	200	500			15	45		600					
ter	Theft	Screening Threshold	L	L	L	L		Ц	Ц			Ц						Ц		Ц		Ц	CUM 1009	_		Ц		
of I		Minimum Concentration (%)													12.00	56.67	9.77			4.07	9.97		ರ					
als		Quantities (in pounds)	8	8	8	8	00	00	00				Ó0	00			8	8	00					00	00	8	8	8
Ë	3Se	Screening Threshold	10,000	10,000	10,000	10,000	10,000	10,000	10,000				20,000	10,000			2,500	1,000	10,000					20,000	1,000	5,000	10,000	10,000
She.	Release		H	⊢	⊢	H	_	Н	_			Н	_		Н	_	0	$\overline{}$	-	Н		Н		_	Н		-	-
HS	-	Minimum Concentration (%)	1.00	1.00	1.00	1.00	1.00	1.00	1.00				1.00	1.00			1.00	1.00	1.00					1.00	1.00	1.00	1.00	1.00
-		# e t g	o	ထု	7-3	စု	-7	۲-	မှ	¥	6-4	9-3	Ģ	٠,	4	-1	-5	4-4	1-1	3-3	1-2	6	3-5	ဗ	-1	-2	φ	-5
27.		Chemical Abstract Service (CAS) #	106-99-0	106-97-8	25167-67-3	106-98-9	107-01-7	590-18-1	624-64-6	7521-80-4	15512-36-4	1305-99-3	75-15-0	463-58-1	353-50-4	463-58-1	7782-50-5	10049-04-4	7791-21-1	13637-63-3	7790-91-2	79-04-9	2625-76-5	67-66-3	542-88-1	107-30-2	590-21-6	557-98-2
ï		କୁ କୁ ଛ ୦)	Ģ	5	251	Ę	10	59	62	752	155	130	75	46	35	46	3//	100	3//	136	322	75	262	9	54	10	29	25
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-]	[1-Propene, 2-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	Carbonyl 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	2-Chloropropylene

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	Appendix A to Part 27 DHS Chemicals of Interest	art 27 D	HS Chemi Release	emicals		nterest Theft	Sabo	Sabotage	ı	Seci	皇	Security Issue		
Chemicals of interest (COI)	Synonym	Chemical Abstract Service (CAS) #	(%) noitertneonco muminiM	Screening Threshold Quantities (in pounds)	(%) notisatreson (%)	blohsenfT gnineeroc eseinu sbnuoq ni) seititnsu (beton esiweetto	(%) moinstraction (%)	Screening Threshold Quantities	Release - Toxic	Release Flammables Release Explosives	трей – см/смР	Theft – WME	TUBIL - EAPIEDP	Sabotage/Contamination
Chlorosarin	[o-Isopropyl methylphosphonochloridate]	1445-76-7			COM	CUM 100g					×			
Chlorosoman	[o-Pinacolyl methylphosphonochloridate]	7040-57-5			COM	CUM 100g					×			
Chlorosulfonic acid		7790-94-5					ACG	APA		Н			T	×
Chromium oxychloride		14977-61-8					ACG	APA		Н	Ш			×
Crotonaldehyde	[2-Butenal]	4170-30-3	1.00	10,000						×				
Crotonaldehyde, (E)-	[2-Butenal], (E)-]	123-73-9	1.00	10,000						×				
Cyanogen	[Ethanedinitrile]	460-19-5	1.00	10,000	11.67	45				×		×		
Cyanogen chloride		506-77-4	1.00	10,000	2.67	15			×	-	_	×		
Cyclohexylamine	[Cyclohexanamine]	108-91-8	1.00	15,000					×	+	_		1	
Cyclohexyltrichlorosilane		98-12-4					ACG	APA	1	4	4		7	×
Cyclopropane		75-19-4	1.00	10,000						$\frac{1}{2}$	4		1	
DF	Methyl phosphonyl difluoride	676-99-3			S	CUM 100g			1	4	⋍		1	
Diazodinitrophenol		87-31-0	ACG	5,000	ACG	400			1	×	_		×	
Diborane		19287-45-7	1.00	2,500	2.67	15			×	\dashv	4	×	1	
Dichlorosilane	[Silane, dichloro-]	4109-96-0	1.00	10,000	10.47	45				\times	4	×	7	
N,N-(2-		100-38-9			30.00	2.2					×			
Diothyldichlorocilono		1710-53-5			Ī		₽ G	APA	\dagger	+	\downarrow	Ι	Ť	×
Dietriyidiciliolosilarie		2000			00 00	ļ	2		t	+	ľ	Ι	t	Ţ
o,o-Diethyl S-[2- (diethylamino)ethyl] phosphorothiolate		78-53-5			30.00	7.7					<			
Diethyleneglycol dinitrate		693-21-0	ACG	5,000	ACG	400				×			×	
Diethyl methylphosphonite		15715-41-0			30.00	2.2					×			
N,N-Diethyl phosphoramidic		1498-54-0			30.00	2.2					×			
N,N-(2-	N,N-diisopropyl-(beta)-	5842-07-9			30.00	2.2			T	┝	×			
diisopropylamino)ethanethiol	aminoethane thiol					1			1	\dashv	4		1	1

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	ا	9d∃N9X∃ — ñ9dT				П					×		×	×		×	×			П	7	٦	٦	7	7	٦
	enss sane	Theft WME			Г							×				٦					٦	٦	7	7	7	_
	₹	Theft - CW/CWP		×	Г	П	×		×		П			П	٦	٦		×	×		٦			7	7	ī
	Security	Release - Explosives									×		×	×		×	×			П				7	٦	_
	တိ	Release – Flammables	×		×	×		×		×	П				٦					П	٦	×	×	\times	×	×
		Release – Toxic			Г						П										×			7	٦	_
	Sabotage	blodsendT gnineenoS Quantities						APA							APA					APA						
	Sab	Minimum Concentration (%)						ACG							ACG					ACG						
erest 1	Theft	Screening Threshold Quantities (in pounds unless Quantities otherwise noted)		2.2			2.2		2.2		400	15	400	400		400	400	2.2	2.2							
Ę	۲	Minimum Concentration (%)		30.00			30.00		30.00		ACG	3.80	ACG	ACG		ACG	ACG	30.00	30.00							
emicals	Release	Screening Threshold Quantities (in pounds)	10,000		10,000	10,000		10,000		10,000	5,000		5,000	5,000		5,000	5,000				20,000	10,000	10,000	10,000	10,000	10,000
HS Ch	Rele	Minimum Concentration (%)	1.00		1.00	1.00		1.00		1.00	ACG		ACG	ACG		ACG	ACG				1.00	1.00	1.00	1.00	99.	9.
art 27 D		Chemical Abstract Service (CAS) #	75-37-6	23306-80-1	57-14-7	124-40-3	108-02-1	75-78-5	677-43-0	463-82-1	55510-04-8	10544-72-6	25550-58-7	519-44-8	80-10-4	2217-06-3	131-73-7	5842-06-8	40881-98-9	4484-72-4	106-89-8	74-84-0	107-00-6	75-00-3	60-29-7	75-08-1
Appendix A to Part 27 DHS Chemicals of Interest		Synonym	[Ethane, 1,1-difluoro-]		[Hvdrazine, 1, 1-dimethyl-]	[Methanamine, N-methyl-]		[Silane, dichlorodimethyl-]	[Dimethylphosphoramido-dichloridate]	[Propane, 2,2-dimethyl-]	[Dinitroglycoluril]						[Hexanitrodiphenylamine]				[Oxirane, (chloromethyl)-]		[1-Butyne]	[Ethane, chloro-]	[Ethane, 1,1-oxybis-]	[Ethanethiol]
		Chemicals of Interest (COI)	Difluoroethane	N,N-Diisopropyl phosphoramidic dichloride	1.1-Dimethylhydrazine	Dimethylamine	N,N-(2- dimethylamino)ethanethiol	Dimethyldichlorosilane	N,N-Dimethyl phosphoramidic dichloride	2,2-Dimethylpropane	Dingu	Dinitrogen tetroxide	Dinitrophenol	Dinitroresorcinol	Diphenyldichlorosilane	Dipicryl sulfide	Dipicrylamine [or] Hexyl	N,N-(2- dipropylamino)ethanethiol	N,N-Dipropyl phosphoramidic dichloride	Dodecyltrichlorosilane	Epichlorohydrin	Ethane	Ethyl acetylene	Ethyl chloride	Ethyl ether	Ethyl mercaptan

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	Sabotage/Contamination	L	L				Н				×		×					×			×	×	×	×
ene ene	Theft – WME	H	\vdash	Н	Н	-	Н	Н	Н		\vdash	×	Н	Н	Н	×	×		×	×	Ĥ	Ĥ	H	ŕ
2	Theft – CW/CWP	H	×	-	×	-	Н		Н	×	H	^	Н	Н	Н	^	^		<u>^</u>	Ĥ	H		-	H
Security Issue	Release - Explosives	\vdash	Ĥ	Н	Ĥ	-	Н	Н	Н	_	\vdash	H	H	Н	Н	Н	Н	×		H	×	×	Н	ķ
Š	Release Flammables	×	H	×	H	×	×	H	×		\vdash	H	Н	Н	×	Н	Н	. ,		H	Ĥ	Ë	Н	۴
ı	Release - Toxic	H	Н	Ĥ	Н	Ë	H	×	Η		┝	×	Н	×		-	Н			-	H	H	_	H
Sabotage											APA		APA										APA	
Sab	Minimum Concentration (%)										ACG		ACG										ACG	
Theft	Screening Threshold Seithin sound ni) seithinsu (beton seiwerd)		CUM 100g		220					2.2		15				45	15	400	200	45	400	400		907
	Minimum Concentration (%)		วิ		80.00					30.00		6.17				20.73	2.11	ACG	33.37	15.67	ACG	ACG		U V
Release	Screening Threshold Quantities (in pounds)	10,000		10,000		10,000	10,000	20,000	10,000			1,000		15,000	10,000			5,000			5,000	5,000		9
Rel	(%) noitstancon Concentration (%)	1.00		1.00		1.00	1.00	1.00	1.00			1.00		1.00	1.00			ACG			ACG	ACG		000
alt 2/. = D	Chemical Abstract Service (CAS) #	109-95-5	753-98-0	75-04-7	139-87-7	74-85-1	75-21-8	107-15-3	151-56-4	993-43-1	115-21-9	7782-41-4	7789-21-1	50-00-0	110-00-9	7782-65-2	7783-58-6		757-58-4	684-16-2	20062-22-0	121-82-4	928-65-4	0 44 0
Appendix A to Fair Er Did Circuit of Interest	Synonym	[Nitrous acid, ethyl ester]		[Ethanamine]		[Ethene]	[Oxirane]	[1,2-Ethanediamine]	[Aziridine]													[Hexotol]		Constant Constant
	Chemicals of interest (COI)	Ethyl nitrite	Ethyl phosphonyl difluoride	Ethylamine	Ethyldiethanolamine	Ethylene	Ethylene oxide	Ethylenediamine	Ethyleneimine	Ethylphosphonothioic dichloride	Ethyltrichlorosilane	Fluorine	Fluorosulfonic acid	Formaldehyde (solution)	Furan	Germane	Germanium tetrafluoride	Guanyl nitrosaminoguanylidene hydrazine	Hexaethyl tetraphosphate and compressed gas mixtures	Hexafluoroacetone	Hexanitrostilbene	Hexolite	Hexyltrichlorosilane	244

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		Sabotage/Contamination						L											×					J
	۰	Theft – EXP/IEDP	L													×								
	Security Issue	∃MW — fiedT						L			×	×	×	×	×		×	×						
	돧	Theft – CW/CWP	×	×	×																			
	n O	Release Explosives																						
	ຶ	Release – Flammables				Х				×							×			X	×		×	×
		Release – Toxic					×	×	X			×		×				X				×		
	Sabotage	blontantT gnineerod eeititneuQ																	APA					
	Sak	Minimum Concentration (%)																	ACG					
terest 1	Theft	Screening Threshold Quantities (in pounds unless Cusenies noted)	CUM 100g	CUM 100g	CUM 100g						200	200	15			400	15	45						
s of In		Minimum Concentration (%)	no	3	no O						95.33	ACG	4.67	42.53	95.33	35.00	0.07	23.73						
emical	Release	Screening Threshold (abnuoq ni)				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
HS Ch	Rele	Minimum Concentration (%)				1.00	37.00	1.00	20.00	1.00		1.00		1.00			1.00	1.00		1.00	1.00	1.00	1.00	1.00
art 27 D		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	9-99-68//	13463-40-6	75-28-5	78-82-0	78-78-4	78-79-5
Appendix A to Part 27 DHS Chemicals of Interest		Synonym	[Bis(2-chloroethyl)ethylamine]	[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 (nitrogen mustard-1)	HN2 (nitrogen mustard-2)	HN3 (nitrogen mustard-3)	Hydrazine	Hydrochloric acid (conc. 37% or greater)	Hydrocvanic acid	Hydrofluoric acid (conc. 50% or greater)	Hydrogen	Hydrogen bromide (anhydrous)	Hydrogen chloride (anhydrous)	Hydrogen cyanide	Hydrogen fluoride (anhydrous)	Hydrogen iodide, anhydrous	Hydrogen peroxide (concentration of at least 35%)	Hydrogen selenide	Hydrogen sulfide	lodine pentafluoride	Iron, pentacarbonyl-	Isobutane	Isobutyronitrile	Isopentane	Isoprene

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	Appendix A to Part 27.	art 27 D	DHS Chemicals of Interest 1	emicals	of Int	erest 1					ı	١	١	
			Rele	Release	F	Theft	Sabo	Sabotage		Secu	Security Issue	esn		
Chemicals of Interest (COI)	Synonym	Chemical Abstract Service (CAS) #	Minimum Concentration (%)	Screening Threshold Guantities (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
Isopropyl chloride	[Propane, 2-chloro-]	75-29-6	1.00	10,000					F	×			H	Г
Isopropyi chloroformate	[Carbonochloridic acid, 1- methylethyl ester]	108-23-6	1.00	15,000					×					
Isopropylamine	[2-Propanamine]	75-31-0	1.00	10,000					F	×			Н	
Isopropylphosphonothioic dichloride		1498-60-8			30.00	2.2					×			
Isopropylphosphonyl difluoride		677-42-9			SUN	CUM 100g				_	×		-	
Lead azide		13424-46-9	ACG	5,000	ACG	400			t	×		Ī	×	Г
Lead styphnate	[Lead trinitroresorcinate]	15245-44-0	ACG	5,000	ACG	400			Н	×			×	П
Lewisite 1	[2-Chlorovinyldichloroarsine]	541-25-3			SCI	CUM 100g				H	×			
Lewisite 2	[Bis(2-chlorovinyl)chloroarsine]	40334-69-8			SON	CUM 100g			Н	Н	×		H	
Lewisite 3	[Tris(2-chlorovinyl)arsine]	40334-70-1			NNO	CUM 100g			Н	Н	×		Н	
Lithium amide		7782-89-0					ACG	APA	Н	Н			Н	×
Lithium nitride		26134-62-3					ACG	APA		Н			H	×
Magnesium (powder)		7439-95-4			ACG	19				4			\times	П
Magnesium diamide		7803-54-5					ACG	APA		-				\times
Magnesium phosphide		12057-74-8					ACG	APA		-			1	×
MDEA	[Methyldiethanolamine]	105-59-9			80.00	220				_	×		٦	
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					Ĥ	×			-	
3-Methyl-1-butene		563-45-1	1.00	10,000					Ĥ	×			-	
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						×			Н	
Methyl formate	[Formic acid Methyl ester]	107-31-3	1.00	10,000					ì	×			H	П

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ı	٦	Sabotage/Contamination	П	П			П		×	×		П	×		7			٦	7		П		П	П		\neg	Т	٦
	1	Theft – EXP/IEDP	Н	Н	Н	Н	Н	Н	-			Н	H		_	H	×	\dashv	\times	×	×		Н	×	×	×	렀	\dashv
	Issue	Theft – WME	Н	Н	×	Н	Н	×	-	Н		Н	Н		-	Н		×		_	Н		×			\exists	7	\forall
		Theft - CW/CWP	Н	Н	_		-	_	-		×	Н	Н	×	×				-		Н	×	Ĥ	H	H	\dashv	+	H
	Security	Release Explosives	Н	Н				Н	-	-	_	Н	Н	-	_	H	-	-	+	×	×	<u> </u>	H	×	\times	+	\pm	\dashv
1	Š	Release – Flammables	Н	Н	×	Н	×	Н		Н		×	×			×		\dashv	\dashv		H	-	Н	\exists		\dashv	7	\dashv
- 1		Release Toxic	×	×	H	×		Н		H		H	Н				×	×	\dashv		Н		Н	Н	Н	\dashv	+	\dashv
							Н		_			Н			_	H			\dashv	_	H	_	Н	Н	H	\dashv	+	┥
	age	Screening Threshold Quantities							APA	APA			APA															1
	Sabotage		Н	Н	Н			-				H			-	Н		\dashv	-		H		Н	Н	Н	\dashv	+	\dashv
	Ŝ	(%) minimum Concentration (%)							ACG	ACG			ACG															
-		otherwise noted)																					П				丁	٦
9	Ę	Screening Threshold Quantities (in pounds unless			200			45			2.2			00	100		400	15	일	400	400	2.2	15	9	9	400	ፅ:	15
Te l	Theft	blodsstdT prineer22	Н	Н	0	_	Н	0		_	0	Н	H	CUM 100g	CUM 100g	Н	0	_		-	-	0	-	_	_		+	+
Appendix A to Part 27 DHS Chemicals of Interest		(%) minimum Concentration (%)			45.00			20.00			30.00			Ö	ō		68.00	3.83	S S	ACG	ACG	30.00	3.83	ACG	ACG	ACG	<u>ဗ</u> ု	1.17
als		Quantities (in pounds)	00	00		00	00	П		П		8	00					8	-	_	o O		П	Q	0	T		7
흕	86	Screening Threshold	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		2,000	
i he	Release		_	Н	_	_		Н	_	_		$\overline{}$			_	_	-	Н	-	-	Н		Н	Н	\vdash	H	렀	\dashv
S	~	Minimum Concentration (%)	1.00	1.00	1.00	1.00	1.00					1.00	1.00			1.00	80.00	9.		ACG	ACG			ACG	ACG	ı	잏	1
百	_	= 4	Н	-	Н	-	Н)	0.1	ŀ	H		φ	6-	-	o.	\dashv	-	Н	-	-7	Н	4	\dashv	9	5
		Chemical Abstract Service (CAS) #	60-34-4	624-83-9	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
t 27		Ser (CA	6	624-	74-93-1	556-	74-8	993-	75∹	149-	929	115	75-	505	3918	346	697	910	86	338	90	55-6	054	55-(582	75-5	92	96
Par			H	Ĺ			L		_			H	H		9	1	_	٦	4	- 2	3,		-	Н	7	Н	7	4
\$															er]							o						
×						Thiocyanic acid, methyl ester									Bis(2-chloroethylthioethyl)ether]							Bis(2-chloroethyl)methylamine			tted]	П	-	
pu		£		_		:hyl e						_	yl-J	fide]	ethy							thyl			Mannitol hexanitrate, wetted]		-	
bbe		Synonym	돗	Methane, isocyanato-		met						1-Propene, 2-methyl-]	Silane, trichloromethyl-	Bis(2-chloroethyl)sulfidej	Ithio			Q				l)me			rate		١	1
A		Syn	neth	Scya	_	acid,	ē					2-m	oro	ethy	ethy			de (ethy			kanit		١	
			ē,	e, is	ethic	nica	amir					je.	rich	loro	iloro			ίχο				oride			l he		1	1
			Hydrazine, methyl-	han	Methanethiol	cya	Methanamine					obe	Je,	2-ch	2-ch			Nitrogen oxide (NO)				Bis(2-chloroe			nito	П	1	
			ΡÁ	Met	Met	Thic	Met					[1-P	Sila	(Bis	(Bis			Nitr				(Bis(Mar	П	ı	1
			Г	Г																						П	T	٦
		est								ane.				Sulfur mustard (Mustard gas (H))												ıl	١	
		Chemicals of Interest (COI)							0	osik	ioic		a	star														
		(COI)	۰	æ	au	ate		ane	ilan	양	noth T	e e	ilan	W)		L				loze		5	l e				١	۵
		cals (C	azin	yang	capt	cyan	و	osiķ	oros	Ę	g e	be	100	tard	E	Š			ne	zotri	Se	usta	Š	ne	ţ.	9	ŀ	e B
		E E	ğ	isoc	mer	ţ	amin	양	양	ber	g a	ള	ig	mus	tard	Cart	cid	xide	nze	penz	읦	n in	in thi	/cer	anni	la la	티	티
		ភ	Methyl hydrazine	Methyl isocyanate	Methyl mercaptan	Methyl thiocyanate	Methylamine	Methylchlorosilane	Methyldichlorosilane	Methylphenyldichlorosilane	Methylphosphonothioic dichloride	-Methylpropene	Methyltrichlorosilane	Ē (O-Mustard (T	Nickel Carbony	Vitric acid	Vitric oxide	Vitrobenzene	5-Nitrobenzotriazo	Vitrocellulose	Nitrogen mustard hydrochloride	Nitrogen trioxide	Nitroglycerine	Vitromannite	Vitromethane	Nitrostarch	Nitrosyl chloride
			ž	ž	ğ	ğ	Ž	₹	Me	Σ	∯ Si	2	ξ	SE E	Ó	ž	ž	ž	ž	ίγ	ž	žž	ž	ž	ž	ž	ž	Ξ

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Appendix A to Part 27 DHS Chemicals of Interest Release Theft % % % % % % % % % % % % % % % % % % %
Chemical Service (CAS) # (CAS) # (Minimum Concentration (*)
932-64-9 ACG 5,000
┝
112-04-9
57607-37-1 ACG
78413-87-3 ACG
5283-66-9
8014-95-7 1.00
7783-41-7
\dashv
+
Н
Щ
8066-33-9 ACG
79-21-0 1.00
594-42-3 1.00
7616-94-6
78-11-5 ACG
3-13-5
75-44-5 1.00
7803-51-2 1.00
-
10025-87-3 1.00
10026-13-8
1314-80-3

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	Appendix A to Part 27 DHS Chemicals of Interest	art 27 DI	HS Che	micals	of Int	erest									
			Rele	Release	I	Theft	Sab	Sabotage		S	Security		ssue	П	
Chemicals of Interest (COI)	Synonym	Chemical Abstract Service (CAS) #	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	Sabotage/Contamination	uonnuumuo ofmogra
Phosphorus trichloride		7719-12-2	1.00	15,000	3.48	45	ACG	APA	×		H	Ĥ	×	×	U
Picrite	[Nitroguanidine]	556-88-7	ACG	5,000	ACG	400			Н	Н	×	H	Ĥ	×	
Piperidine		110-89-4	1.00	10,000					Н	×	Н	Н		Н	
Potassium chlorate		3811-04-9			ACG	400				Н		H	Ĥ	×	
Potassium cyanide		151-50-8					ACG	APA		Н	Н	Н	Н	$\tilde{}$	J
Potassium nitrate		7757-79-1			ACG	400				H	H		$\hat{\dashv}$	×	
Potassium perchlorate		7778-74-7			ACG	400				Н			^	×	
Potassium permanganate		7722-64-7			ACG	400				Н	Н		$\hat{-}$	×	
Potassium phosphide		20770-41-6					ACG	APA		Н	Н	Н	Н	×	J
Propadiene	[1,2-Propadiene]	463-49-0	1.00	10,000						×	7	\dashv	\dashv	4	7
Propane		74-98-6	1.00	90,000						×	7	+	\dashv	\dashv	7
Propionitrile	[Propanenitrile]	107-12-0	1.00	10,000					×	_	٦	+	\dashv	\dashv	7
Propyl chloroformate	[Carbonchloridic acid, propylester]	109-61-5	1.00	10,000						×					
Propylene	[1-Propene]	115-07-1	1.00	10,000						×	Н	H	H	Н	П
Propylene oxide	[Oxirane, methyl-]	75-56-9	1.00	10,000						×	Н	H	-		
Propyleneimine	[[Aziridine, 2-methyl-]	75-55-8	1.00	10,000					×		H		4	_	_
Propylphosphonothioic dichloride		2524-01-8			30.00	2.2						×			
Propylphosphonyl difluoride		690-14-2			S	CUM 100g				٦	٦	×	\dashv	4	_
Propyltrichlorosilane		141-57-1					ACG	APA			7	+	4	긔	ਹ
Propyne	[1-Propyne]	74-99-7	1.00	10,000						×	ᅥ	1	+	\dashv	_
OF.	[o-Ethyl-o-2-diisopropylaminoethyl methylphosphonite]	57856-11-8			SCI	CUM 100g						×			
RDX	[Cyclotrimethylenetrinitramine]	121-82-4	ACG	5,000	ACG	400				П	×	Н	Ĥ	×	_
RDX and HMX mixtures		121-82-4	ACG	5,000	ACG	400				Ħ	\times	H	4	J	_
Sarin	[o-Isopropyl methylphosphonofluoridate]	107-44-8			ລົ	CUM 100g						×			
Selenium hexafluoride		7783-79-1			1.67	15			П	H	Н	Ĥ	\forall	Н	

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Γ	٦	Sabotage/Contamination			×				×	×		×			×				×								
1	۰	9d∃N9X∃ — N edT					×	×			×														×		×
	Security Issue	Theft – WME				×								×		×	×				×						
	⋛	Theft – CW/CWP	X										×							×							
	킳	Release – Explosives																							×		×
ľ	ຶ	Release Flammables		×																		×		×		×	
L	┙	Release - Toxic												L		×	×	×			Ц		×				
	Sabotage	Screening Threshold Quantities			APA				APA	APA		APA			APA			_	APA								
	Sab	Minimum Concentration (%)			ACG				ACG	ACG		ACG			ACG				ACG								
terest	Theft	Screening Threshold Quantities (in pounds unless Otherwise noted)	M 100g			45	400	400			400		CUM 100g	15			15			CUM 100g	15				400		400
֓֞֓֓֓֓֓֓֓֟֓֓֓֟֓֓֓֓֟֟֓֓֓֟֟֓֓֓֟֓֓֓֓֟֓֓֟֓֓֟		Minimum Concentration (%)	COM			15.00	ACG	ACG			ACG		3	0.67		84.00	1.33			ਤ	0.83				ACG		ACG
9 micai	Release	Screening Threshold Quantities (in pounds)		10,000												5,000	2,500	10,000				10,000	10,000	10,000	5,000	10,000	5,000
200	Rej	Minimum Concentration (%)		1.00												1.00	1.00	1.00				1.00	1.00	1.00	ACG	1.00	ACG
art 2/ D		Chemical Abstract Service (CAS) #	3563-36-8	7803-62-5	10026-04-7	7783-61-1	26628-22-8	7775-09-9	143-33-9	7775-14-6	7631-99-4	12058-85-4	96-64-0	7803-52-3	12504-16-4	7446-09-5	7783-60-0	7446-11-9	7791-25-5	77-81-6	7783-80-4	116-14-3	75-74-1	75-76-3	53014-37-2	509-14-8	109-27-3
Appendix A to Part 2/ DHS Chemicals of Interest		Synonym	[1,2-Bis(2-chloroethylthio)ethane]							[Sodium dithionite]			[o-Pinacolyl methylphosphonofluoridate]				[Sulfur fluoride (SF4), (T-4)-]			[o-Ethyl-N,N- dimethylphosphoramido-cyanidate]		[Ethene, tetrafluoro-]	[Plumbane, tetramethyl-]	[Silane, tetramethyl-]		[Methane, tetranitro-]	[Guanyl nitrosaminoguanyltetrazene]
		Chemicals of interest (COI)	Sesquimustard	Silane	Silicon tetrachloride	Silicon tetrafluoride	Sodium azide	Sodium chlorate	Sodium cyanide	Sodium hydrosulfite	Sodium nitrate	Sodium phosphide	Soman	Stibine	Strontium phosphide	Sulfur dioxide (anhydrous)	Sulfur tetrafluoride	Sulfur trioxide	Sulfuryl chloride	Tabun	Tellurium hexafluoride	Tetrafluoroethylene	Tetramethyllead	Tetramethylsilane	Tetranitroaniline	Tetranitromethane	Tetrazene

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		noitanimatnoO\sgatoda2			×	×			×							×															
	۰	90∃N9X3 – £XP/IEDP	×				×	×										X	X	X	Х	×	×	×	X	X	×	×	×	×	
	SSL	Theft — WME				×							×	×																	×
	ij	Theft CW/CWP		×						×	×	×					×														
	Security Issue	Release — Explosives	×				×	×										×	×	×	×	×	×	×	×	×	×	×	×	×	
	ေ	Release – Flammables							×					×	×	×															
		Release – Toxic				×																									
	Sabotage	blodsendT gnineeno2 Quantities			APA	APA			APA							APA															
	Sak	Minimum Concentration (%)			ACG	ACG			ACG							ACG															
	Theft	Screening Threshold selmin sbrunog ni) selmin sbrunog ni) selmin skreening selmin selm	400				400	400		220		220		200			220	400	400	400	400	400	Ц	400	400		400	400	400	400	45
		Minimum Concentration (%)	ACG	30.00		13.33	ACG	ACG		80.00	80.00	80.00	6.93	66.67			80.00	ACG	ACG	ACG	ACG	ACG	ACG	ACG	ACG	ACG	ACG	ACG	ACG	ACG	7.10
emical	Release	Screening Threshold (abnuog ni)	5,000			2,500	2,000	2,000	10,000					10,000	10,000	10,000		5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	
HS Ch	Rel	Minimum Concentration (%)	ACG			1.00	ACG	ACG	1.00					1.00	1.00	1.00		ACG	ACG	ACG	ACG	ACG	ACG	ACG	ACG	ACG	ACG	ACG	ACG	ACG	
art 27 D	Chemical Abstract Service (CAS) #			111-48-8	7719-09-7	7550-45-0	118-96-7	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	26952-42-1	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	7783-82-6
Appendix A to Part 27 DHS Chemicals of Interest	Synonym					[Titanium chloride (TiCl4) (T-4)-]	[Trinitrotoluene]	[Hexotonal]	[Silane, trichloro-]					[Ethene, chlorotrifluoro]	[Methanamine, N,N-dimethyl-]	[Silane, chlorotrimethyl-]															
		Chemicals of interest (COI)	1H-Tetrazole	Thiodiglycol	Thionyl chloride	Titanium tetrachloride	TNT	Torpex	Trichlorosilane	Triethanolamine	Triethanolamine hydrochloride	Triethyl phosphite	Trifluoroacetyl chloride	Trifluorochloroethylene	Trimethylamine	Trimethylchlorosilane	Trimethyl phosphite	Trinitroaniline	Trinitroanisole	Trinitrobenzene	Trinitrobenzenesulfonic acid	Trinitrobenzoic acid	Trinitrochlorobenzene	Trinitrofluorenone	Trinitro-meta-cresol	Trinitronaphthalene	Trinitrophenetole	Trinitrophenol	Trinitroresorcinol	Tritonal	Tungsten hexafluoride

Theft -- WME Theft - CW/CWP Release – Explosives Release – Flammables Release - Toxic Quantities APA Screening Threshold Minimum Concentration (%) otherwise noted) Appendix A to Part 27. -- DHS Chemicals of Interest Quantities (in pounds unless Screening Threshold Minimum Concentration (%) Quantities (in pounds) Screening Threshold Minimum Concentration (%) Chemical Abstract Service (CAS) # [o-Ethyl-S-2-diisopropylaminoethyl methyl phosphonothiolate] Acetic acid ethenyl ester]
[1-Buten-3-yne]
[Ethene, chloro-]
[Ethene, thoxy-]
[Ethene, fluoro-]
[Ethene, 1,1-dichloro-]
[Ethene, 1,1-diffluoro-] Synonym Chemicals of Interest (COI) Vinyl fluoride
Vinyl methyl ether
Vinylidene chloride
Vinylidene fluoride
Vinylidene fluoride
Vinyltrichlorosilane Vinyl chloride Vinyl ethyl ether Zinc hydrosulfite

Theft – EXP/IEDP Sabotage/Contamination

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

[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

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