Hazardous Material Procurement Procedures

1.0 Statement

The use of hazardous materials at the University creates a variety of environmental and safety issues. It is the intent of the University to evaluate these issues prior to the procurement of hazardous materials and thereby avoid, to the extent feasible, adverse consequences.

2.0 Purpose/Scope

2.1 Purpose

To establish a hazardous materials procurement procedure that will ensure all purchases are given appropriate safety and environmental considerations.

2.2 Scope

These procedures apply to all employees who purchase chemicals or other hazardous materials that will be used in University business. Also included are hazardous materials which are obtained as free samples or gifts.

3.0 Definitions

<u>Chemical of Interest</u> – A chemical defined by the Department of Homeland Security in 6 CFR part 27 Appendix A, that may present a potential security issue.

<u>Hazardous Material</u> - Any material which contains a substance that is defined as hazardous by the OSHA Hazard Communication Standard.

<u>Select agent, overlap agent, high consequence livestock pathogen or toxin</u> - as defined under Public Laws 107-56 and 107-188.

<u>SDS</u>; <u>Safety Data Sheet (or Material Safety Data Sheet, MSDS</u>) - Product safety and handling information supplied by the product manufacturer. It is a requirement of the OSHA Hazard Communication Standard that a copy of a chemical's SDS be made available to any person working with or around a hazardous material.

4.0 References

- **4.1** 41 FR 35050; Aug. 18,1976 (Waste Management Hierarchy)
- **4.2** CFR Title 29 Part 1910.1200 (Hazard Communication Standard)
- **4.3** Patriot Act: Public Law 107-56
- 4.4 Public Health & Bioterrorism Preparedness and Response Act of 2002: Public Law 107-188



5.0 Procedures

5.1 General Procedures

Hazardous materials purchases will be reviewed, before purchase, by "authorized individuals" knowledgeable about relevant environmental and safety issues. These individuals will prevent unnecessary purchases and suggest alternatives to reduce risks, wastes or regulatory burdens.

The office of Environment, Health and Safety will authorize individuals by providing appropriate training.

5.2 Responsibilities of Authorized Individuals

The Authorized Individual will review the purchase to ensure that all safety and environmental considerations have been addressed according to the campus *Chemical Procurement Guidelines*.

If for some reason the purchase is not approved, the concerns of the Authorized Individual will be resolved before purchase.

The Authorized Individual will keep a record of all hazardous materials purchases.

The Authorized Individual will ensure that a SDS is available for every hazardous material purchased.

The Authorized Individual will contact the office of Environment, Health and Safety prior to purchase whenever a purchase is inconsistent with the *Chemical Procurement Guidelines*, or the material or organism may create a new hazard or regulatory burden.

6.0 Gifts and Donations

6.1 Gift and Donation Requirements

All gifts and donations of hazardous materials must be approved in advance by an authorized individual. A SDS or equivalent safety information must accompany the donated hazardous material.



7.0 Authorized Individual Procurement Guidelines

Hazardous material and microorganism purchases should be evaluated for safety and environmental considerations. Some guidelines are presented below for that purpose.

Prevent Generation of Hazardous Waste

Hazardous waste reduction begins at the source of generation. Purchases should be reviewed with the goal of somehow altering the process or materials used in order to reduce the quantity or hazard of the waste produced.

- 1) Purchase only the quantity of material necessary for the job at hand. Excess material and material that ages past it's shelf life becomes hazardous waste.
- 2) Determine if a less hazardous material can be substituted for the same job. Suppliers often have suggestions for safer or more environmentally friendly products.
- 3) Determine if a reusable or recyclable material can be used for the same job.

Chemicals or Agents that are Particularly Dangerous

Several issues must be considered to determine if a chemical or microorganism purchase/use will involve particularly severe hazards. Once again, substitution, reduction of quantity, or possibly elimination of the purchase are options.

- 1) Manufacturer/supplier information, Safety Data Sheet (SDS) or Material Safety Data Sheet (MSDS), should be consulted to determine if a chemical is carcinogenic and therefore requires special handling. Carcinogenicity must be recorded in your department's chemical inventory.
- 2) The "Extremely Hazardous Substances" list should be consulted both to determine if a chemical is extremely hazardous and also to check the <u>Reportable Quantity</u> (RQ) and the Threshold Planning Quantity (TPQ).

The RQ is an amount of chemical that, if released to the environment, requires notification of emergency response agencies.

The TPQ is an amount of chemical that, if possessed by the University, requires the development and implementation of a chemical specific risk analysis and risk management plan.

An effort should be made to purchase less than the RQ if possible. In no case should an amount exceeding the TPQ of a listed chemical be purchased without first contacting Environment, Health and Safety.

3) Lists of Select Agents and Toxins and Chemicals of Interest are defined in antiterrorism regulations; these lists must be consulted to determine if a purchase involves any of these agents, toxins or chemicals. There are potentially significant institutional burdens associated with possession of these hazardous materials – contact the Office of Environment, Health and Safety before purchase if a contemplated purchase is on one of these lists.



Other Regulated Materials

Be vigilant for other types of materials, machinery etc. that may create hazards or University regulatory obligations. Examples include radioactive materials, machines that produce high energy radiation such as X-ray producing machines and lasers, human blood or human blood products, ordinarily benign materials ordered in large quantity, pesticides etc.

Resources for More Information

- 1) A Safety Data Sheet (or Material Safety Data Sheet) is a document that outlines safety and health information for a particular chemical. SDSs are available in Campus departments and are a resource for familiarization with chemical hazards.
- 2) The office of Environment, Health and Safety, (x-8847) has primary responsibility for hazardous materials management at the University. The office has resources and references and can be helpful with hazardous materials management issues; please contact that office with any questions or concerns.



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(ii) An owner or operator of a facility from which there is a transportation-related release may meet the requirements of this section by providing the information indicated in paragraph (b)(2) to the 911 operator, or in the absence of a 911 emergency telephone number, to the operator. For purposes of this paragraph, a transportation-related release means a release during transportation, or storage incident to transportation if the stored substance is moving under active shipping papers and has not reached the ultimate consignee.

[52 FR 13395, Apr. 22, 1987, as amended at 54 FR 22543, May 24, 1989; 55 FR 30188, July 24, 1990; 63 FR 13475, Mar. 19, 1998; 64 FR 13115, Mar. 17, 1999; 71 FR 58533, Oct. 4, 2006]

§ 355.50 Penalties.

(a) Civil penalties. Any person who fails to comply with the requirements of §355.40 shall be subject to civil penalties of up to \$25,000 for each violation

in accordance with section 325(b)(1) of the Act.

(b) Civil penalties for continuing violations. Any person who fails to comply with the requirements of §355.40 shall be subject to civil penalties of up to \$25,000 for each day during which the violation continues, in accordance with section 325(b)(2) of the Act. In the case of a second or subsequent violation, any such person may be subject to civil penalties of up to \$75,000 for each day the violation continues, in accordance with section 325(b)(2) of the Act.

(c) Criminal penalties. Any person who knowingly and willfully fails to provide notice in accordance with §355.40 shall, upon conviction, be fined not more than \$25,000 or imprisoned for not more than two (2) years, or both (or, in the case of a second or subsequent conviction, shall be fined not more than \$50,000 or imprisoned for not more than five (5) years, or both) in accordance with section 325(b)(4) of the Act.

APPENDIX A TO PART 355—THE LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES
[Alphabetical Order]

CAS No.	Chemical name	Notes	Reportable quantity * (pounds)	Threshold plan- ning quantity (pounds)
75-86-5	Acetone Cyanohydrin		10	1.000
1752-30-3	Acetone Thiosemicarbazide		1,000	1,000/10,000
107-02-8	Acrolein	1	1	500
79-06-1	Acrylamide	15	5.000	1,000/10,000
107-13-1	Acrylonitrile	li .	100	10,000
814-68-6	Acrylyl Chloride	h	100	100
111-69-3	Adiponitrile	i i	1.000	1.000
116-06-3	Aldicarb	c	1,000	100/10.000
309-00-2	Aldrin	, i	1 1	500/10,000
107-18-6	Allyl Alcohol		100	1,000
107-11-9	Allylamine		500	500
20859-73-8	Aluminum Phosphide	ь	100	500
54-62-6	Aminopterin	~	500	500/10,000
78-53-5	Amiton		500	500,10,000
3734-97-2	Amiton Oxalate		100	100/10,000
7664-41-7	Ammonia	1	100	500
300-62-9	Amphetamine		1,000	1,000
62-53-3	Aniline	1	5,000	1,000
88-05-1	Aniline, 2,4,6-Trimethyl-	70	500	500
7783-70-2	Antimony Pentafluoride		500	500
1397-94-0	Antimycin A	c	1.000	1,000/10,000
86-88-4	ANTU		100	500/10,000
1303-28-2	Arsenic Pentoxide		100	100/10,000
1327-53-3	Arsenous Oxide	h	4	100/10,000
7784-34-1	Arsenous Trichloride	311		500
7784-42-1	Arsine		100	100
2642-71-9	Azinphos-Ethyl		100	100/10,000
86-50-0	Azinphos-Methyl		100	10/10,000
98-87-3	Benzal Chloride		100000000000000000000000000000000000000	500
98-16-8	Benzenamine, 3-(Trifluoromethyl)-		5,000 500	500
100-14-1	Benzene, 1-(Chloromethyl)-4-Nitro-			17.7.7
98-05-5	Renzenegreonic Acid		500	500/10,000
3615-21-2	Benzenearsonic Acid	8	10	10/10,000
3013-21-2	Benzimidazole, 4,5-Dichloro-2-(Trifluoromethyl)-	g	500 l	500/10,000

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CAS No.	Chemical name	Notes	Reportable quantity * (pounds)	Threshold plan- ning quantity (pounds)
98-07-7	Benzotrichloride		10	100
100-44-7	Benzyl Chloride		100	500
140-29-4	Benzyl Cyanide	h	500	500
15271-41-7	Bicyclo[2.2.1]Heptane-2-Carbonitrile, 5-Chloro-6-	1	500	500/10,000
	((((Methylamino)Carbonyl)Oxy)Imino)-, (1s-(1-alpha,2-beta,4-		1000.0000	
534-07-6	alpha,5-alpha,6E))			
4044-65-9	Bis(Chloromethyl) Ketone	1	10	10/10,000
10294-34-5	Bitoscanate Boron Trichloride	8	500	500/10,000
7637-07-2	Boron Trifluoride	1	500 500	500
353-42-4	Boron Trifluoride Compound With Methyl Ether (1:1)	1	1.000	500 1,000
28772-56-7	Bromadiolone		100	100/10,000
7726-95-6	Bromine	Ť.	500	500
1306-19-0	Cadmium Oxide		100	100/10,000
2223-93-0	Cadmium Stearate	C	1,000	1,000/10,000
7778-44-1	Calcium Arsenate		1	500/10,000
8001–35–2 56–25–7	Camphechlor		1	500/10,000
51-83-2	Carbachol Chloride		100	100/10,000
26419-73-8	Carbamic Acid, Methyl-, O-(((2,4-Dimethyl-1, 3-Dithiolan-2-		500 100	500/10,000 100/10,000
	yl)Methylene)Amino)		100	100/10,000
1563-66-2	Carbofuran		10	10/10,000
75-15-0	Carbon Disulfide	1	100	10,000
786-19-6	Caroophenothion	0	500	500
57-74-9	Chlordane		1	1,000
470-90-6	Chlorfenvinfos	9	500	500
7782-50-5 24934-91-6	Chlorine		10	100
999-81-5	Chlomephos		500	500
79-11-8	Chlornequat Chioride	h	100	100/10,000
107-07-3	Chloroethanol		100 500	100/10,000
627-11-2	Chloroethyl Chloroformate		1,000	500 1,000
67-66-3	Chloroform	T.	10	10,000
542-88-1	Chloromethyl Ether	h	10	100
107-30-2	Chloromethyl Methyl Ether	С	10	100
3691-35-8	Chlorophacinone		100	100/10,000
1982-47-4 21923-23-9	Chloroxuron		500	500/10,000
10025-73-7	Chlorthiophos Chromic Chloride	h	500	500
62207-76-5	Cobalt, ((2,2'-(1,2-Ethanediylbis (Nitrilomethylidyne)) Bis(6-		1 100	1/10,000
	Fluorophenolato))(2-)-N,N',O,O')		100	100/10,000
10210-68-1	Cobalt Carbonyl	h	10	10/10,000
64-86-8	Colchicine	h	10	10/10,000
56-72-4	Coumaphos		10	100/10,000
5836-29-3	Counatetralyl		500	500/10,000
95–48–7 535–89–7	Cresol, o- Crimidine		100	1,000/10,000
4170-30-3	Crotonaldehyde		100	1,000
123-73-9	Crotonaldehyde, (E)-	1	100	1,000
506-68-3	Cyanogen Bromide	1	1,000	500/10,000
506-78-5	Cyanogen lodide		1,000	1,000/10,000
2636-26-2	Cyanophos		1,000	1,000
675-14-9	Cyanuric Fluoride		100	100
66-81-9 108-91-8	Cycloheximide		100	100/10,000
17702-41-9	Cyclohexylamine	1.	10,000	10,000
8065-48-3	Decaborane(14)		500	500/10,000
919-86-8	Demeton-S-Methyl	ÿ.	500 500	500 500
10311-84-9	Dialifor		100	100/10,000
19287-45-7	Diborane	8	100	100,10,000
111-44-4	Dichloroethyl ether		10	10.000
149-74-6	Dichloromethylphenylsilane		1,000	1,000
62-73-7	Dichlorvos		10	1,000
141-66-2	Dicrotophos		100	100
1464-53-5	Diepoxybutane	.51	10	500
814-49-3 71-63-6	Diethyl Chlorophosphate	h	500	500
2238-07-5	Digltoxin	С	100	100/10,000
	ergryologi Euler		1,000	1,000
	Digoxin	h	40 1	10/10 000
20830-75-5 115-26-4	Digoxin	h	10 500	10/10,000 500

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AS No.	Chemical name	Notes	Reportable quantity* (pounds)	Threshold plan- ning quantity (pounds)
524-03-0	Dimethyl Phosphorochloridothioate		500	500
77-78-1	Dimethyl sulfate		100	500
75-78-5	Dimethyldichlorosilane	h	500	500
57-14-7	Dimethylhydrazine	5556	10	1,000
99-98-9	Dimethyl-p-Phenylenediamine		10	10/10,000
344-64-4	Dimetilan		1	500/10,000
534-52-1	Dinitrocresol		10	10/10,00
88-85-7	Dinoseb	1 8	1,000	100/10,00
120-07-1 78-34-2	Dinoterb		500	500/10,00
82-66-6	Dioxathion		500	500
152-16-9	Diphosphoramide, Octamethyl-	9	100	10/10,00
98-04-4	Disulfoton		100	100 500
14-73-8	Dithiazanine lodide		500	500/10,00
41-53-7	Dithiobiuret		100	100/10,00
16-42-7	Emetine, Dihydrochloride	h	1 1	1/10,00
15-29-7	Endosulfan		i i	10/10,00
78-04-3	Endothion		500	500/10,00
72-20-8	Endrin		1	500/10,00
06-89-8	Epichlorohydrin	1	100	1,000
04-64-5	EPN		100	100/10,00
50-14-6	Ergocalciferol	С	1,000	1,000/10,00
79-79-3	Ergotamine Tartrate		500	500/10,00
22-32-8	Ethanesulfonyl Chloride, 2-Chloro-		500	500
40-87-1	Ethanol, 1,2-Dichloro-, Acetate		1,000	1,000
63-12-2	Ethion		10	1,000
94-48-4	Ethoprophos		1,000	1,000
71-62-0	Ethylbis(2-Chloroethyl)Amine	h	500	500
75-21-8	Ethylene Fluorohydrin	c, h	10	10
07-15-3	Ethylenediamine	*	5,000	1,000 10,000
51-56-4	Ethylenelmine		5,000	500
42-90-5	Ethylthiocyanate		10,000	10,000
24-92-6	Fenamiphos		10,000	10/10,00
15-90-2	Fensulfothion	h	500	500
01-50-2	Fluenetil		100	100/10,00
82-41-4	Fluorine	k	10	500
40-19-7	Fluoroacetamide	i	100	100/10,00
44-49-0	Fluoroacetic Acid		10	10/10,00
59-06-8	Fluoroacetyl Chloride	C	10	10
51-21-8	Fluorouracil		500	500/10,00
44-22-9	Fonofos		500	500
50-00-0	Formaldehyde	1	100	500
07-16-4 22-53-9	Formaldehyde Cyanohydrin	h	1,000	1,000
40-82-1	Formetanate Hydrochloride	(p)	100	500/10,00
22-53-9	Formetanate Hydrochloride	/h1	100	100
48-32-3	Fosthietan	(p)	100 500	500/10,00
78-19-1	Fuberidazole		100	500 100/10,00
10-00-9	Furan		100	500
50-90-3	Gallium Trichloride		500	500/10,00
77-47-4	Hexachlorocyclopentadiene	h	10	100
35-11-4	Hexamethylenediamine, N,N'-Dibutyl-	**	500	500
02-01-2	Hydrazine		1	1,000
74-90-8	Hydrocyanic Acid		10	100
47-01-0	Hydrogen Chloride (gas only)	E	5,000	500
64-39-3	Hydrogen Fluoride	- NO.	100	100
22-84-1	Hydrogen Peroxide (Conc > 52%)	Ti .	1,000	1,000
83075	Hydrogen Selenide		10	10
83-06-4	Hydrogen Sulfide	F .	100	500
23-31-9	Hydroquinone	1	100	500/10,00
63-40-6	Iron, Pentacarbonyl-		100	100
97-78-9	Isobenzan		100	100/10,00
78-82-0	Isobutyronitrile	h	1,000	1,000
02-36-3	Isocyanic Acid, 3,4-Dichlorophenyl Ester		500	500/10,00
65-73-6	Isodrin		1	100/10,00
55-91-4	Isofluorphate	C	100	100
00 7 0	Isophorone Diisocyanate	10 11	500	500
98-71-9				
98-71-9 08-23-6 19-38-0	Isopropyl Chloroformate Isopropylmethyl-pyrazolyl Dimethylcarbamate		1,000	1,000

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CAS No.	Chemical name	Notes	Reportable quantity* (pounds)	Threshold plan- ning quantity (pounds)
21609-90-5	Leptophos		500	500/10,000
541-25-3	Lewisite	c, h	10	10
58-89-9	Lindane		1	1,000/10,000
7580–67–8 109–77–3	Lithium Hydride	b	100	100
12108-13-3	Malononitrile Manganese, Tricarbonyl Methylcyclopentadienyl		1,000	500/10,000
51-75-2	Mechlorethamine	h c	100	100 10
950-10-7	Mephosfolan	٠	500	500
1600-27-7	Mercuric Acetate		500	500/10,000
7487-94-7	Mercuric Chloride		500	500/10,000
21908-53-2 10476-95-6	Mercuric Oxide		500	500/10,000
760-93-0	Methacrolein Diacetate Methacrylic Anhydride		1,000	1,000
126-98-7	Methacrylonitrile	h	1,000	500 500
920-46-7	Methacryloyl Chloride	••	100	100
30674-80-7	Methacryloyloxyethyl Isocyanate	h	100	100
10265-92-6	Methamidophos		100	100/10,000
558-25-8	Methanesuifonyl Fluoride		1,000	1,000
950-37-8 2032-65-7	Methiocarb		500	500/10,000
16752-77-5	Methomyl		10	500/10,000
151-38-2	Methoxyethylmercuric Acetate	h	500	500/10,000
80-63-7	Methyl 2-Chloroacrylate	1 8	500	500/10,000 500
74-83-9	Methyl Bromide	1	1.000	1,000
79-22-1	Methyl Chloroformate	h	1,000	500
60-34-4	Methyl Hydrazine		10	500
624-83-9 556-61-6	Methyl Isocyanate	80	10	500
74-93-1	Methyl Isothiccyanate	b	500	500
3735-23-7	Methyl Mercaptan	1	100 500	500
676-97-1	Methyl Phosphonic Dichloride	ь	100	500 100
556-64-9	Methyl Thiocyanate		10.000	10,000
78-94-4	Methyl Vinyl Ketone		10	10
502-39-6	Methylmercuric Dicyanamide	. 1	500	500/10,000
75-79-6 1129-41-5	Methyltrichlorosilane	h	500	500
7786-34-7	Mevinphos		1,000	100/10,000
315-18-4	Mexacarbate		1,000	500
50-07-7	Mitomycin C		1,000	500/10,000 500/10,000
6923-22-4	Monocrotophos		10	10/10,000
2763-96-4	Muscimol	las .	1,000	500/10,000
505-60-2	Mustard Gas	h	500	500
13463-39-3 54-11-5	Nickel Carbonyl		10	1
	Nicotine	c	100	100
	Nitric Acid	1	1,000	100/10,000
0102-43-9	Nitric Oxide	c	10	1,000
98-95-3	Nitrobenzene	ĭ	1.000	10,000
1122-60-7	Nitrocyclohexane	01	500	500
10102-44-0	Nitrogen Dioxide	20	10	100
62-75-9 991-42-4	Nitrosodimethylamine	h	10	1,000
	Norbormide		100	100/10,000
630-60-4	Ouabain	_	10	10/10,000
	Oxamyi	С	100	100/10,000 100/10,000
78-71-7	Oxetane, 3,3-Bis(Chloromethyl)		500	500
2497-07-6	Oxydisulfoton	h	500	500
0028-15-6	Ozone	130	100	100
1910-42-5	Paraguat Dichloride	1	10	10/10,000
2074-50-2	Paraquat Methosulfate		10	10/10,000
56-38-2 298-00-0	Parathion	С	10	100
	Parathion-Methyl Paris Green	С	100	100/10,000
9624-22-7	Pentaborane		1	500/10,000
	Pentadecylamine		500 100	500 100/10,000
79-21-0	Peracetic Acid		500	500
594-42-3	Perchioromethylmercaptan		100	500
ASSESSED 3 SEC. 1975 A. 1	Phanal			
108-95-2	Phenol	1	1,000	500/10,000
108-95-2 4418-66-0	Phenol, 2,2'-Thiobis(4-Chloro-6-Methyl)- Phenol, 3-(1-Methylethyl)-, Methylcarbamate		1,000	100/10,000 100/10,000 500/10,000

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CAS No.	Chemical name	Notes	Reportable quantity* (pounds)	Threshold plan- ning quantity (pounds)
696-28-6	Phenyl Dichloroarsine	h	1	500
59-88-1	Phenylhydrazine Hydrochloride	188	1,000	1,000/10,000
62-38-4	Phenylmercury Acetate		100	500/10,000
2097-19-0	Phenylsilatrane	h	100	100/10,000
103-85-5	Phenylthiourea		100	100/10,000
298-02-2	Phorate		10	10
4104-14-7	Phosacetim		100	100/10,000
947-02-4	Phosfolan		100	100/10,000
75-44-5 13171-21-6	Phosphamidan	1	10	10
7803-51-2	Phosphamidon Phosphine	8	100	100
2703-13-1	Phosphonothiolc Acid, Methyl-, O-Ethyl O-(4-(Methylthio) Phenyl) Ester.		100 500	500 500
50782 -69-9	Phosphonothioic Acid, Methyl-, S-(2-(Bis(1Methylethyl)Amino)Ethyl) O-Ethyl Ester.		100	100
2665-30-7	Phosphonothioic Acid, Methyl-, O-(4-Nitrophenyl) O-Phenyl Ester	1	500	500
3254-63-5	Phosphoric Acid, Dimethyl 4-(Methylthio)Phenyl Ester		500	500
2587-90-8	Phosphorothioic Acid, O,O-Dimethyl-S-(2-Methylthio) Ethyl Ester	c, g	500	500
7723-14-0	Phosphorus	b, h	1	100
10025-87-3	Phosphorus Oxychloride		1,000	500
10026-13-8 7719-12-2	Phosphorus Pentachloride	b	500	500
57-47-6	Phosphorus Trichloride		1,000	1,000
57-64-7	Physostigmine Sollanidae (1.1)		100	100/10,000
124-87-8	Physostigmine, Salicylate (1:1) Picrotoxin		100	100/10,000
110-89-4	Piperidine		500	500/10,000
23505-41-1	Pirimifos-Ethyl		1,000	1,000
10124-50-2	Potassium Arsenite		1,000	1,000
151-50-8	Potassium Cyanide	ь	10	500/10,000 100
506-61-6	Potassium Silver Cyanide	b	1	500
2631-37-0	Promecarb	(h)	1,000	500/10,000
106-96-7	Propargyl Bromide		10	10
57-57-8	Propiolactone, Beta-		10	500
107-12-0	Propionitrile		10	500
542-76-7	Propionitrile, 3-Chloro-		1,000	1,000
70-69-9	Propiophenone, 4-Amino-	g	100	100/10,000
109-61-5 75-56-9	Propyl Chloroformate		500	500
75-55-8	Propylene Oxide	1	100	10,000
2275-18-5	Propyleneimine		1	10,000
129-00-0	Pyrene	c	5,000	100/10,000
140-76-1	Pyridine, 2-Methyl-5-Vinyl-	· I	500	1,000/10,000 500
504-24-5	Pyridine, 4-Amino-	h	1,000	500/10,000
1124-33-0	Pyridine, 4-Nitro-,I-Oxide	848	500	500/10,000
3558-25-1	Pyriminil	h	100	100/10,000
4167-18-1	Salcomine	P. 1	500	500/10,000
107-44-8	Sarin	h l	10	10
7783-00-8	Selenious Acid	10000	10	1,000/10,000
7791-23-3	Selenium Oxychloride		500	500
563-41-7	Semicarbazide Hydrochloride		1,000	1,000/10,000
3037-72-7	Silane, (4-Aminobutyl)Diethoxymethyl-		1,000	1,000
7631-89-2	Sodium Arsenate		1	1,000/10,000
7784-46-5 26628-22-8	Sodium Arsenite	. 1	1	500/10,000
124-65-2	Sodium Azide (Na(N ₃))	ь	1,000	500
143-33-9	Sodium Cacodylate		100	100/10,000
62-74-8	Sodium Cyanide (Na(CN)) Sodium Fluoroacetate	b	10	100
3410-01-0	Sodium Selenate		100	10/10,000
0102-18-8	Sodium Selenite	h	100	100/10,000
0102-20-2	Sodium Tellurite		500	500/10,000
900-95-8	Stannane, Acetoxytriphenyl-	g	500	500/10,000
57-24-9	Strychnine	C	10	100/10,000
60-41-3	Strychnine Sulfate	(650)	10	100/10,000
3689-24-5	Sulfotep		100	500
3569-57-1	Sulfoxide, 3-Chloropropyl Octyl		500	500
7446-09-5	Sulfur Dioxide	1	500	500
7783-60-0	Sulfur Tetrafluoride		100	100
7446-11-9	Sulfur Trioxide	b	100	100
7664-93-9	Sulfuric Acid		1,000	1,000
77-81-6	Tabun	c, h	10	10

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CAS No.	Chemical name	Notes	Reportable quantity * (pounds)	Threshold plan- ning quantity (pounds)
107-49-3	TEPP		10	100
13071-79-9	Terbufos	h	100	100
78-00-2	Tetraethyllead	c	10	100
597-64-8	Tetraethyltin	c	100	100
75-74-1	Tetramethyllead	c, 1	100	100
509-14-8	Tetranitromethane	107.6	10	500
10031-59-1	Thallium Sulfate	h	100	100/10,000
6533-73-9	Thallous Carbonate		100	100/10,000
7791-12-0	Thallous Chloride	c, h	100	100/10,000
2757-18-8	Thallous Malonate		100	
7446-18-6	Thallous Sulfate	0, 11	100	100/10,000
2231-57-4	Thiocarbazide		10.75	100/10,000
39196-18-4	Thiofanox		1,000	1,000/10,000
297-97-2	Thionazin		100	100/10,000
108-98-5			100	500
79-19-6	Thiophenol		100	500
5344-82-1	Thiosemicarbazide		100	100/10,000
614-78-8	Thiourea, (2-Chlorophenyl)-		100	100/10,000
	Thiourea, (2-Methylpheny!)-		500	500/10,000
7550-45-0	Titanium Tetrachioride		1,000	100
584-84-9	Toluene 2,4-Diisocyanate		100	500
91-08-7	Toluene 2,6-Diisocyanate		100	100
110-57-6	Trans-1,4-Dichlorobutene		500	500
1031-47-6	Triamiphos		500	500/10,000
24017-47-8	Triazofos		500	500
76-02-8	Trichloroacetyl Chloride		500	500
115-21-9	Trichloroethylsilane	h	500	500
327-98-0	Trichloronate	k	500	500
98-13-5	Trichlorophenylsilane		500	500
1558-25-4	Trichloro(Chloromethyl)Silane	100.000	100	100
27137-85-5	Trichloro(Dichlorophenyl) Silane		500	500
998-30-1	Triethoxysilane		500	500
75-77-4	Trimethylchlorosilane		1,000	1,000
824-11-3	Trimethylolpropane Phosphite	h	100	1915/04/2016
1066-45-1	Trimethyltin Chloride	**	500	100/10,000
639-58-7	Triphenyltin Chloride		0.000.000.00	500/10,000
555-77-1	Tris(2-Chloroethyl)Amine	h	500	500/10,000
2001-95-8	Valinomycin	100	100	100
1314-62-1	Vanadium Pentavida	С	1,000	1,000/10,000
108-05-4	Vanadium Pentoxide		1,000	100/10,000
81-81-2	Vinyl Acetate Monomer	1	5,000	1,000
129-06-6	Warfarin	101	100	500/10,000
51777 F1717 T107K	Warfarin Sodium	h	100	100/10,000
28347-13-9	Xylylene Dichloride		100	100/10,000
58270-08-9	Zinc, Dichloro(4,4-Dimethyl-5((((Methylamino)Carbonyl) Oxy)Imino)Pentanenitrile)-, (T-4)		100	100/10,000
1314-84-7	Zinc Phosphide	b	100	500

^{*} Only the statutory or final RQ is shown. For more information, see 40 CFR table 302.4.

NOTES:

a This chemical does not meet acute toxicity criteria. Its TPQ is set at 10,000 pounds.

b This material is a reactive solid. The TPQ does not default to 10,000 pounds for non-powder, non-molten, nonsolution form.

c The calculated TPQ changed after technical review as described in the technical support document.

d Indicates that the RQ is subject to change when the assessment of potential carcinogenicity and/or other toxicity is completed.

pleted.
e Statutory reportable quantity for purposes of notification under SARA sect 304(a)(2).
f [Reserved]
g New chemicals added that were not part of the original list of 402 substances.
h Revised TPQ based on new or re-evaluated toxicity data.
j TPQ is revised to its calculated value and does not change due to technical review as in proposed rule.
k The TPQ was revised after proposal due to calculation error.
I Chemicals on the original list that do not meet toxicity criteria but because of their high production volume and recognized toxicity are considered chemicals of concern ("Other chemicals").

^{[61} FR 20479, May 7, 1996, as amended at 68 FR 52984, Sept. 8, 2003; 69 FR 68815, Nov. 26, 2004; 71 FR 47120, Aug. 16, 2006; 71 FR 53334, Sept. 11, 2006]

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APPENDIX B TO PART 355—THE LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES

[CAS Number Order]

CAS No.	Chemical name	Notes	Reportable quantity * (pounds)	Threshold plan- ning quantity (pounds)
0	Organorhodium Complex (PMN-82-147)		10	10/10,000
50-00-0	Formaldehyde	1	100	500
50-07-7	Mitomycin C		10	500/10.00
50-14-6	Ergocalciferol	c	1,000	1,000/10,00
51-21-8	Fluorouracil		500	500/10,000
51-75-2	Mechlorethaminec	c	10	10
51-83-2	Carbachol Chloride		500	500/10,00
54-11-5	Nicotine	c	100	100
54-62-6	Aminopterin		500	500/10,00
55 -9 1-4	Isofluorphate	c	100	100
56-25-7	Cantharidin		100	100/10,00
56-38-2	Parathion	C	10	100
56-72-4	Coumaphos		10	100/10,000
57-14-7 57-24-9	Dimethylhydrazine	194.500	10	1,000
	Strychnine	C	10	100/10,00
57-47-6 57-57-8	Physostigmine		100	100/10,000
57-64-7	Propiolactone, Beta-		10	500
57-74-9	Physostigmine, Salicylate (1:1)		100	100/10,000
58-36-6	Chlordane		1	1,000
58 -89-9	Phenoxarsine, 10,10'-Oxydi-	1	500	500/10,000
59-88-1	Lindane		1	1,000/10,000
60-34-4	Methyl Hydrazine		1,000	1,000/10,000
60-41-3	Methyl Hydrazine		10	500
60-51-5	Dimethoate		10	100/10,000
62-38-4	Phenylmercury Acetate		10	500/10,000
62-53-3	Aniline		100	500/10,000
62-73-7	Dichlorvos	1	5,000	1,000
62-74-8	Sodium Fluoroacetate	100	10	1,000
62-75-9	Nitrosodimethylamine	h	10	10/10,000
64-00-6	Phenol, 3-(1-Methylethyl)-, Methylcarbamate	316	10	1,000
64-86-8	Colchicine	h l	10	500/10,000
65-30-5	Nicotine sulfate	lane	100	10/10,000
66-81-9	Cycloheximide		100	100/10,000
67-66-3	Chloroform	lı l	10	10,000
70-69-9	Propiophenone, 4-Amino-	g	100	100/10,000
71-63-6	Digitoxin	c	100	100/10,000
72-20-8	Endrin		1	500/10,000
74 -83-9	Methyl Bromide	1	1,000	1.000
74-90-8	Hydrocyanic Acid	(E)	10	100
74 -9 3-1	Methyl Mercaptan	1	100	500
75-15-0	Carbon Disulfide	11	100	10,000
75-21-8	Ethylene Oxide		10	1.000
75-44-5	Phosgene	1	10	10
75-55-8	Propyleneimine		1	10,000
75-56-9	Propylene Oxide	1	100	10,000
75-74-1	Tetramethyllead	c, I	100	100
75-77-4	Trimethylchlorosilane		1,000	1,000
75-78-5	Dimethyldichlorosilane	h	500	500
75-79-6	Methyltrichlorosilane	h	500	500
75-86-5	Acetone Cyanohydrin		10	1,000
76-02-8	Trichloroacetyl Chloride		500	500
77-47-4	Hexachlorocyclopentadiene	h	10	100
77-78-1	Dimethyl Sulfate		100	500
77-81-6 78-00-2	Tabun	c, h	10	10
	Tetraethyllead	C	10	100
78-34-2 78-53-5	Dioxathion	1	500	500
78-53-5 78-71-7	Amiton		500	500
78-82-0	Oxetane, 3,3-Bis(Chloromethyl)-	l (1	500	500
78-94-4	Isobutyronitrile	h	1,000	1,000
	Methyl Vinyl Ketone		10	10
78-97-7 79-06-1	Lactonitrile		1,000	1,000
	Acrylamide	0.0	5,000	1,000/10,000
79-11-8 79-19-6	Chloroacetic Acid		100	100/10,000
79-19-6	Thiosemicarbazide		100	100/10,000
	Peracetic Acid		500	500
79-22-1	Methyl Chloroformate		1,000	500

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CAS No.	Chemical name	Notes	Reportable quantity * (pounds)	Threshold plan ning quantity (pounds)
81-81-2	Warfarin		100	500/10,00
82-66-6	Diphacinone		10	10/10,00
86-50-0	Azinphos-Methyl		1	10/10.00
86-88-4	ANTU		100	500/10,00
88-05-1	Aniline, 2,4,6-Trimethyl-		500	500
88-85-7	Dinoseb		1,000	100/10,00
91-08-7	Toluene 2,6-Dilsocyanate		100	100
95-48-7	Cresol, o-		100	1,000/10,00
98-05-5	Benzenearsonic Acid		10	10/10,00
98-07-7	Benzotrichloride		10	100
98-13-5	Trichlorophenylsilane	h	500	500
98-16-8	Benzenamine, 3-(Trifluoromethyl)-		500	500
98-87-3	Benzal Chloride		5,000	500
98-95-3	Nitrobenzene	1	1,000	10,000
99-98-9	Dimethyl-p-Phenylenediamine		10	10/10,0
100-14-1	Benzene, 1-(Chloromethyl)-4-Nitro-		500	500/10,0
100-44-7	Benzyl Chloride		100	500
102-36-3	Isocyanic Acid, 3,4-Dichlorophenyl Ester		500	500/10,0
103-85-5	Phenylthiourea	1.3	100	100/10,0
106-89-8	Epichlorohydrin	1	100	1,000
106-96-7	Propargyl Bromide		10	10
107-02-8	Acrolein		1	500
107-07-3	Chloroethanol		500	500
107-11-9	Allylamine	1.0	500	500
107-12-0	Propionitrile		10	500
107-13-1	Acrylonitrile	1	100	10,000
107-15-3	Ethylenediamine		5,000	10,000
107-16-4	Formaldehyde Cyanohydrin	h	1,000	1,000
107-18-6	Allyl Alcohol		100	1,000
107-30-2	Chloromethyl Methyl Ether	C	10	100
107-44-8	Sarin	h	10	10
107-49-3	TEPP		10	100
108-05-4	Vinyl Acetate Monomer	1	5,000	1.000
108-23-6	Isopropyl Chloroformate	0	1,000	1,000
108 -91- 8	Cyclohexylamine	1	10,000	10,000
108-95-2	Phenol		1,000	500/10,0
108-98-5	Thiophenol		100	500
109-61-5	Propyl Chloroformate		500	500
109-77-3	Malononitrile		1,000	500/10,0
110-00-9	Furan		100	500
110-57-6	Trans-1,4-Dichlorobutene		500	500
110-89-4	Piperidine		1,000	1,000
111-44-4	Dichloroethyl Ether		10	10,000
111-69-3	Adiponitrile	1	1,000	1,000
115-21-9	Trichloroethylsilane	h	500	500
15-26-4	Dimefox	10000	500	500
115-29-7	Endosulfan		1	10/10,0
115-90-2	Fensulfothion	h	500	500
16-06-3	Aldicarb	C	1	100/10,0
119-38-0	Isopropylmethyl-pyrazolyl Dimethylcarbamate		100	500
123-31-9	Hydroquinone	1	100	500/10,0
23-73-9	Crotonaldehyde, (E)-		100	1,000
24-65-2	Sodium Cacodylate	- 1	100	100/10,0
24-87-8	Picrotoxin		500	500/10,0
26-98-7	Methacrylonitrile	h	1,000	500
29-00-0	Pyrene	C	5,000	1,000/10,0
29-06-6	Warfarin Sodium	h	100	100/10,0
40-29-4	Benzyl Cyanide	h	500	500
40-76-1	Pyridine, 2-Methyl-5-Vinyl-		500	500
41-66-2	Dicrotophos		100	100
43-33-9	Sodium Cyanide (Na(CN))	b	10	100
44-49-0	Fluoroacetic Acid	2.5	10	10/10,0
49-74-6	Dichloromethylphenylsilane		1,000	1,000
51-38-2	Methoxyethylmercuric Acetate		500	500/10,0
151-50-8	Potassium Cyanide	b	10	100
51-56-4	Ethyleneimine		1	500
52-16-9	Diphosphoramide, Octamethyl-		100	100
97-78-9	Isobenzan		100	100/10,0
97-97-2	Thionazin		100	500
98-00-0		c	100	100/10,0
		·	100	100/10.00

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CAS No.	Chemical name	Notes	Reportable quantity* (pounds)	Threshold pla ning quantity (pounds)
298-04-4	Disulfoton		4	500
300-62-9	Amphetamine	F	1,000	1,000
302-01-2	Hydrazine	1	1,000	
309-00-2	Aldrin			1,000
315-18-4	Mexacarbate		1 1	500/10,0
316-42-7	Emetine, Dihydrochloride	100	1,000	500/10,0
327-98-0		1000	- 1	1/10,0
353-42-4	Boron Trifluoride Compound With Methyl Ether (1:1)	k	500	500
359-06-8	Elugrapostyl Chlorida		1,000	1,000
371-62-0	Fluoroacetyl Chloride	C	10	10
379-79-3	Ethylene Fluorohydrin	c, h	10	10
465-73-6	Ergotamine Tartrate		500	500/10,0
470-90-6	Isodrin		_ 1	100/10,0
502-39-6	Chlorfenvintos		500	500
504-24-5	Methylmercuric Dicyanamide		500	500/10,0
505-60-2	Pyridine, 4-Amino-		1,000	500/10,0
506-61-6	Mustard Gas	h	500	500
506-68-3	Potassium Silver Cyanide	b	1	500
506-78-5	Cyanogen Bromide	1	1,000	500/10,0
	Cyanogen lodide		1,000	1,000/10,0
509-14-8	Tetranitromethane		10	500
514-73-8	Dithiazanine lodide		500	500/10,0
534-07-6	Bis(Chloromethyl) Ketone		10	10/10,0
534-52-1	Dinitrocresol		10	10/10,0
535-89-7 538-07-8	Crimidine	topore .	100	100/10,0
541-25-3	Ethylbis(2-Chloroethyl)Amine		500	500
541-53-7	Lewisite	c, h	10	10
542-76-7	Dithiobluret		100	100/10,0
542-88-1	Propionitrile, 3-Chloro-		1,000	1,000
542-90-5	Chloromethyl Ether	h	10	100
555-77-1	Tris(2-Chloroethyl)Amine	W	10,000	10,000
556-61-6		h	100	100
556-64-9	Methyl Isothiocyanate	b	500	500
558-25-8	Methyl Thiocyanate		10,000	10,000
563-12-2	Ethion		1,000	1,000
563-41-7	Semicarbazide Hydrochloride		10	1,000
584-84-9	Toluene 2,4-Diisocyanate		1,000	1,000/10,0
594-42-3	Perchloromethylmercaptan		100	500
597-64-8	Tetraethyltin	c	100	500 100
614-78-8	Thiourea, (2-Methylphenyl)-		500	500/10,0
624-83-9	Methyl Isocyanate		10	500
627-11-2	Chloroethyl Chloroformate		1,000	1.000
630-60-4	Ouabain	С	100	100/10,0
639-58-7	Triphenyltin Chloride	-	500	500/10,0
640-19-7	Fluoroacetamide	j	100	100/10,0
644-64-4	Dimetilan		1	500/10,0
675-14-9	Cyanuric Fluoride		100	100
676-97-1	Methyl Phosphonic Dichloride	b	100	100
696-28-6	Phenyl Dichloroarsine	h	1	500
760 -9 3-0	Methacrylic Anhydride	10,60	500	500
786-19-6	Carbophenothion	1 1	500	500
814-49-3	Diethyl Chlorophosphate	h	500	500
814-68-6	Acrylyl Chloride	h	100	100
824-11-3	Trimethylolpropane Phosphite	h	100	100/10,0
900-95-8	Stannane, Acetoxytriphenyl-	g	500	500/10.0
919-86-8	Demeton-S-Methyl		500	500
920-46-7	Methacryloyl Chloride		100	100
944-22-9	Fonofos		500	500
947-02-4	Phosfolan		100	100/10,0
950-10-7	Mephosfolan		500	500
950-37-8	Methidathion		500	500/10,0
991-42-4	Norbormide		100	100/10,0
998-30-1	Triethoxysilane		500	500
999-81-5	Chlormequat Chloride	h	100	100/10,0
031-47-6	Triamiphos		500	500/10,00
066-45-1	Trimethyltin Chloride		500	500/10,00
122-60-7	Nitrocyclohexane	1	500	500
124-33-0	Pyridine, 4-Nitro-,1-Oxide	1	500	500/10,00
129-41-5	Metolcarb	1	1,000	100/10,00
303-28-2	Arsenic Pentoxide		1	100/10,00
306-19-0	Cadmium Oxide			

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CAS No.	Chemical name	Notes	Reportable quantity * (pounds)	Threshold plan ning quantity (pounds)
1314-62-1	Vanadium Pentoxide		1,000	100/10,00
1314-84-7	Zinc Phosphide	b	100	500
1327-53-3	Arsenous Oxide	h	100	100/10,00
1397-94-0	Antimycin A	c	1,000	1,000/10,00
1420-07-1	Dinoterb		500	500/10,00
1464-53-5	Diepoxybutane		10	500/10,00
1558-25-4	Trichloro(Chloromethyl)Silane		100	100
1563-66-2	Carbofuran		10	10/10,00
1600-27-7	Mercuric Acetate		500	500/10.00
1622-32-8	Ethanesulfonyl Chloride, 2-Chioro-		500	500
1752-30-3	Acetone Thiosemicarbazide		1,000	1,000/10,00
1910-42-5	Paraquat Dichloride		10	10/10,00
1982-47-4	Chloroxuron		500	500/10,00
2001-95-8	Valinomycin	c	1,000	1,000/10,00
2032-65-7	Methiocarb	1.5	10	500/10,00
2074-50-2	Paraquat Methosulfate		10	10/10,00
2097-19-0	Phenylsilatrane	h	100	100/10,00
2104-64-5	EPN	-12	100	100/10,00
2223-93-0	Cadmium Stearate	c	1,000	1,000/10,00
2231-57-4	Thiocarbazide		1,000	1,000/10,00
2238-07-5	Diglycidyl Ether		1,000	1,000
2275-18-5	Prothoate		100	100/10,00
2497-07-6	Oxydisulfoton	h	500	500
2524-03-0	Dimethyl Phosphorochloridothioate	sic .	500	500
2540-82-1	Formothion		100	100
2570-26-5	Pentadecylamine			
2587-90-8	Phosphorothicic Acid, O,O-Dimethyl-S-(2-Methylthic) Ethyl Ester		100	100/10,00
2631-37-0	Promecarb	c, g	500 1,000	500
2636-26-2	Cyanophos	(p)	1,000	500/10,00
2642-71-9	Azinphos-Ethyl			1,000
2665-30-7	Phosphonothiolc Acid, Methyl-, O-(4-Nitrophenyl) O-Phenyl Ester		100	100/10,00
2703-13-1	Phosphonothiolic Acid, Methyl-, O-Ethyl O-(4-(Methylthio)Phenyl) Ester		500	500
2757-18-8	Thallous Malonate		500 100	500
2763-96-4	Muscimol	c, h		100/10,00
2778_04_3	Endothion		1,000	500/10,00
2778-04-3 3037-72-7	Silane, (4-Aminobutyl)Diethoxymethyl-		500	500/10,00
3254-63-5	Phosphoric Acid, Dimethyl 4 (Mathylthia) Phase I Catal		1,000	1,000
3569-57-1	Phosphoric Acid, Dimethyl 4-(Methylthio)Phenyl Ester		500	500
3615-21-2	Benzimidazole, 4,5-Dichloro-2-(Trifluoromethyl)-	820	500	500
3689-24-5	Sulfoten	g	500	500/10,00
3691-35-8	Sulfotep	0	100	500
3734-97-2	Amiton Oxalate		100	100/10,00
3735-23-7	Methyl Phenkapton		100	100/10,00
3878-19-1	Fuberidazole		500	500
4044-65-9	Pitosopoto		100	100/10,00
4098-71-9	Bitoscanate	1	500	500/10,00
	Isophorone Diisocyanate		500	500
4104-14-7	Phosacetim		100	100/10,00
4170-30-3	Crotonaldehyde		100	1,000
4301-50-2 4418-66-0	Phonol 3.27 Thiobia(4 Chloro 6 Math.)		100	100/10,00
4835-11-4	Phenol, 2,2'-Thiobis(4-Chloro-6-Methyl)-		100	100/10,00
344-82-1	Hexamethylenediamine, N,N'-Dibutyl-	1	500	500
5836-29-3	Thiourea, (2-Chlorophenyl)-		100	100/10,00
	Coumatetralyl	customs	500	500/10,00
5533-73-9	Thallous Carbonate	c, h	100	100/10,00
923-22-4	Monocrotophos	100	10	10/10,00
7446-09-5	Sulfur Dioxide		500	500
446-11-9	Sulfur Trioxide	b	100	100
446-18-6	Thallous Sulfate		100	100/10,00
487-94-7	Mercuric Chloride		500	500/10,00
7550-45-0	Titanium Tetrachioride		1,000	100
7580-67-8	Lithium Hydride	b	100	100
631-89-2	Sodium Arsenate		1	1,000/10,00
637-07-2	Boron Trifluoride		500	500
647-01-0	Hydrogen Chloride (gas only)	1	5,000	500
664-39-3	Hydrogen Fluoride	/ I	100	100
664-41-7	Ammonia	1	100	500
664-93-9	Sulfuric Acid	2.0	1,000	1,000
697-37-2	Nitric Acid		1,000	1,000
719-12-2	Phosphorus Trichloride			
	Hydrogen Peroxide (Conc > 52%)	7	1,000	1,000 1,000
722-84-1				

Pt. 355, App. B

CAS No.	Chemical name	Notes	Reportable quantity (pounds)	Threshold plan- ning quantity (pounds)
7726 -9 5-6	Bromine	L	500	500
7778-44-1	Calcium Arsenate	1	1	500/10,000
7782-41-4	Fluorine	k	10	500
7782-50-5	Chlorine	100	10	100
7783-00-8	Selenious Acid		10	1,000/10,000
7783-06-4	Hydrogen Sulfide	I	100	500
7783-07-5	Hydrogen Selenide		10	10
7783-60-0	Sulfur Tetrafluoride		100	100
7783-70-2 7783-80-4	Antimony Pentafluoride		500	500
7784-34-1	Arsenous Trichloride	k	100	100
7784-42-1	Arsine		100	500 100
7784-46-5	Sodium Arsenite		100	500/10,000
7786-34-7	Mevinphos		10	500
7791-12-0	Thallous Chloride	c, h	100	100/10,000
7791-23-3	Selenium Oxychloride	78	500	500
7803-51-2	Phosphine		100	500
8001-35-2	Camphechlor		1	500/10,000
8065-48-3 0025-73-7	Demeton		500	500
	Chromic Chloride		1	1/10,000
0025-87-3	Phosphorus Oxychloride		1,000	500
10026-13-8 10028-15-6	Phosphorus Pentachloride	b	500	500
0020-15-6	Ozone	h	100	100
10102-18-8	Sodium Selenite	h	100	100/10,000
0102-20-2	Sodium Tellurite	n l	500	100/10,000 500/10,000
10102-43-9	Nitric Oxide	c	10	100
0102-44-0	Nitrogen Dioxide		10	100
0124-50-2	Potassium Arsenite	i	.,	500/10,000
10140-87-1	Ethanol, 1,2-Dichloro-, Acetate		1,000	1,000
10210-68-1	Cobalt Carbonyl	h	10	10/10,000
0265-92-6	Methamidophos		100	100/10,000
0294-34-5	Boron Trichloride		500	500
0311-84-9	Dialifor		100	100/10,000
0476-95-6	Methacrolein Diacetate		1,000	1,000
2002-03-8	Paris Green		1	500/10,000
2108-13-3 3071-79-9	Manganese, Tricarbonyl Methylcyclopentadienyl Terbufosh	h	100 100	100
3171-21-6	Phosphamidon	n	100	100 100
3194-48-4	Ethoprophos		1.000	1,000
3410-01-0	Sodium Selenate		100	100/10,000
3450-90-3	Gallium Trichloride		500	500/10,000
3463-39-3	Nickel Carbonyl		10	1
3463-40-6	Iron, Pentacarbonyl-		100	100
4167-18-1	Salcomine		500	500/10,000
5271-41-7	Bicyclo[2.2.1]Heptane-2-Carbonitrile, 5-Chloro-6- ((((Methylamino)Carbonyl)Oxy)Imino)-, (1s-(1-alpha,2-beta,4-		500	500/10,000
6750 77 5	alpha,5-alpha,6E))	15	1999	550000000000000000000000000000000000000
6752-77-5	Methomyl	h	100	500/10,000
7702–41–9 7702–57–7	Decaborane(14)		500	500/10,000
9287-45-7	Diborane		100	100/10,000
9624-22-7	Pentaborane		500	500
0830-75-5	Digoxin	h	10	10/10,000
0859-73-8	Aluminum Phosphide	b	100	500
1548-32-3	Fosthietan		500	500
1609-90-5	Leptophos	i	500	500/10,000
1908-53-2	Mercuric Oxide		500	500/10,000
21923-23-9	Chlorthiophos	h	500	500
2224-92-6	Fenamiphos	7,650	10	10/10,000
23135-22-0	Oxamyl		100	100/10,000
	Formetanate Hydrochloride	(h)	100	500/10,000
3422-53-9	Pirimifos-Ethyl		1,000	1,000
3422-53-9 3505-41-1			500	500
23422-53-9 23505-41-1 24017-47-8	Triazofos			
23422-53-9 23505-41-1 24017-47-8 24934-91-6	Triazofos		500	500
23422-53-9 23505-41-1 24017-47-8 24934-91-6 26419-73-8	Triazofos Chlomephos Carbanic Acid, Methyl-, O-(((2,4-Dimethyl-1, 3-Dithiolan-2-yl)Methylene)Amino)			
3422-53-9 3505-41-1 4017-47-8 4934-91-6 6419-73-8 6628-22-8	Triazofos	b	500	
23422-53-9 23505-41-1 24017-47-8	Triazofos Chlomephos Carbanic Acid, Methyl-, O-(((2,4-Dimethyl-1, 3-Dithiolan-2-yl)Methylene)Amino)	b	500 100	100/10,000

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40 CFR Ch. I (7-1-07 Edition)

[CAS Number Order]

CAS No.	Chemical name	Notes	Reportable quantity * (pounds)	Threshold plan- ning quantity (pounds)
30674-80-7	Methacryloyloxyethyl Isocyanateh		100	100
39196-18-4	Thiofanox		100	100/10.000
50782-69-9	Phosphonothioic Acid, Methyl-, S-(2-(Bis(1-Methylethyl)Amino)Ethyl) O-Ethyl Ester.		100	100
53558-25-1	Pyriminil	h	100	100/10.000
58270-08-9	Zinc, Dichloro(4,4-Dimethyl-5((((Methylamino) Carbonyl)Oxy)Imino)Pentanenitrile)-, (T-4)-,	000	100	100/10,000
62207-76-5	Cobalt, ((2,2'-(1,2-Ethanedlylbis (Nitrilomethylidyne)) Bis(6-Fluorophenolato)) (2-)-N,N',O,O')		100	100/10,000

*Only the statutory or final RQ is shown. For more information, see 40 CFR table 302.4. NOTES:

- NOTES:
 a. This chemical does not meet acute toxicity criteria. Its TPQ is set at 10,000 pounds.
 b. This material is a reactive solid. The TPQ does not default to 10,000 pounds for non-powder, non-molten, non-solution form.
 c. The calculated TPQ changed after technical review as described in the technical support document.
 d. Indicates that the RQ is subject to change when the assessment of potential carcinogenicity and/or other toxicity is com-
- Statutory reportable quantity for purposes of notification under SARA sect 304(a)(2).

- f. [Reserved]
 g. New chemicals added that were not part of the original list of 402 substances.
 h. Revised TPQ based on new or re-evaluated toxicity data.
 j. TPQ is revised to its calculated value and does not change due to technical review as in proposed rule.
 k. The TPQ was revised after proposal due to calculation error.
 l. Chemicals on the original list that do not meet toxicity criteria but because of their high production volume and recognized toxicity are considered chemicals of concern ("Other chemicals").

[61 FR 20484, May 7, 1996, as amended at 68 FR 52984, Sept. 8, 2003; 69 FR 68815, Nov. 26, 2004; 71 FR 47121, Aug. 16, 2006; 71 FR 53335, Sept. 11, 2006]

PART 370—HAZARDOUS CHEMICAL REPORTING: COMMUNITY RIGHT-**TO-KNOW**

Subpart A—General Provisions

Sec.

370.1 Purpose.

370.2 Definitions.

370.5 Penalties.

Subpart B—Reporting Requirements

370.20 Applicability.

370.21 MSDS reporting.

Inventory reporting. 370.25

370.28 Mixtures.

Subpart C-Public Access and Availability of Information

370.30 Requests for information.

370.31 Provision of information.

Subpart D—Inventory Forms

370.40 Tier I emergency and hazardous chemical inventory form.

370.41 Tier II emergency and hazardous chemical inventory form.

AUTHORITY: Secs. 311, 312, 324, 325, 328, 329 of Pub. L. 99-499, 100 Stat. 1613, 42 U.S.C. 11011, 11012, 11024, 11025, 11028, 11029.

Source: 52 FR 38364, Oct. 15, 1987, unless otherwise noted.

Subpart A—General Provisions

§ 370.1 Purpose.

These regulations establish reporting requirements which provide the public with important information on the hazardous chemicals in their communities for the purpose of enhancing community awareness of chemical hazards and facilitating development of State and local emergency response plans.

§ 370.2 Definitions.

Chief Executive Officer of the tribe means the person who is recognized by the Bureau of Indian Affairs as the chief elected administrative officer of the tribe.

Commission means the emergency response commission for the State in which the facility is located except where the facility is located in Indian Country, in which case, commission means the emergency response commission for the Tribe under whose jurisdiction the facility is located. In absence of an emergency response commission, the Governor and the chief executive officer, respectively, shall be the commission. Where there is a cooperative agreement between a State and

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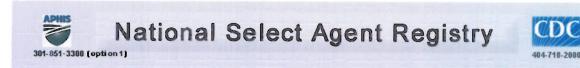
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Home Resources About Us Forms Helpful Information Select Agents & Toxins Last Updated: Monday, January 07,

Select Agents and Toxins List

The following biological agents and toxins have been determined to have the potential to pose a severe threat to both human and animal health, to plant health, or to animal and plant products. Anattenuated strain of a select agent or an inactive form of a select toxin may be excluded from the requirements of the Select Agent Regulations. The list of excluded agents and toxins can be found at: http://www.selectagents.gov/Select%20Agents%20and%20Toxins%20Exclusions.html.

HHS AND USDA SELECT AGENTS AND TOXINS 7 CFR Part 331, 9 CFR Part 121, and 42 CFR Part 73

HHS SELECT AGENTS AND TOXINS

Abrin

Botulinum neurotoxins*

Botulinum neurotoxin producing species of Clostridium*

Conotoxins (Short, paralytic alpha conotoxins

containing the following amino acid sequence X₁CCX₂PACGX₃X₄X₅X₆CX₇)

Coxiella burnetii

Crimean-Congo haemorrhagic fever virus

Diacetoxyscirpenol

Eastern Equine Encephalitisvirus¹

Ebola virus*

Francisella tularensis*

Lassa fever virus

Lujo virus

Marburg virus*

Monkeypox virus1

Reconstructed replication competent forms of the 1918

pandemic influenza virus containing any portion of

the

coding regions of all eight gene segments

(Reconstructed

1918 Influenza virus)

Ricin

Rickettsia prowazekii

SARS-associated coronavirus (SARS-CoV)

Saxitoxin

South American Haemorrhagic Fever viruses:

Chapare

Guanarito

Junin

Machupo

Sabia

Staphylococcal enterotoxins A,B,C,D,E subtypes

T-2 toxin

Tetrodotoxin

Tick-borne encephalitis complex (flavi) viruses:

Far Eastern subtype

Siberian subtype

Kyasanur Forest diseasevirus

Omsk hemorrhagic fever virus

Variola major virus (Smallpox virus)*

OVERLAP SELECT AGENTS AND TOXINS

Bacillus anthracis *

Bacillus anthracis Pasteur strain

Brucella abortus

Brucella melitensis

Brucella suis

Burkholderia mallei*

Burkholderia pseudomallei*

Hendra virus

Nipah virus

Rift Valley fever virus

Venezuelan equine encephalitisvirus¹

USDA SELECT AGENTS AND TOXINS

African horse sickness virus

African swine fever virus

Avian influenza virus¹

Classical swine fever virus

Foot-and-mouth disease virus*

Goat pox virus

Lumpy skin disease virus

Mycoplasma capricolum¹

Mycoplasma mycoides1

Newcastle disease virus1,2

Peste des petits ruminants virus

Rinderpest virus*

Sheep pox virus

Swine vesicular disease virus

USDA PLANT PROTECTION AND QUARANTINE (PPQ) SELECT AGENTS AND TOXINS

Peronosclerospora philippinensis (Peronosclerospora sacchari)

Phoma glycinicola (formerly Pyrenochaeta glycines)

Ralstonia solanacearum

Rathayibacter toxicus

Sclerophthora ravssiae

Synchytrium endobioticum

Xanthomonas oryzae

Variola minor virus (Alastrim)*
Yersinia pestis*

*Denotes Tier 1 Agent

¹Select agents that meet any of the following criteria are excluded from the requirements of this part: Any low pathogenic strains of avian influenza virus, South American genotype of eastern equine encephalitis virus, west African clade of Monkeypox viruses, any strain of Newcastle disease virus which does not meet the criteria for virulent Newcastle disease virus, all subspecies Mycoplasma capricolum except subspecies capripneumoniae (contagious caprine pleuropneumonia), all subspecies Mycoplasma mycoides except subspecies mycoides small colony (Mmm SC) (contagious bovine pleuropneumonia), any subtypes of Venezuelan equine encephalitis virus except for Subtypes IAB or IC, and Vesicular stomatitis virus (exotic): Indiana subtypes VSV-IN2, VSV-IN3, provided that the individual or entity can verify that the agent is within the exclusion category.

² A virulent Newcastle disease virus (avian paramyxovirus serotype 1) has an intracerebral pathogenicity index in day-old chicks (Gallus gallus) of 0.7 or greater or has an amino acid sequence at the fusion (F) protein cleavage site that is consistent with virulent strains of Newcastle disease virus. A failure to detect a cleavage site that is consistent with virulent strains does not confirm the absence of a virulent virus.

12/4/2012

Click here for the List of Select Agents and Toxins (revised 12/4/2012) / (PDF 25KB)

*Website is being revamped based on Revised Select Agent regulations.

Home | Resources | About Us | Forms | Helpful Information | Operations | Select Agents & Toxins | FAQ's

Animal and Plant Health Inspection Service Agricultural Select Agent Program 4700 River Rosa Unit 2, Malistop 22, Cubricle 1A07 Riverdale, MD 20737 FAX 301-734-3652 E-mati: ASAP@aphis.usda.gov

Centers for Disease Control and Prevention Division of Select Agents and Toxima 1800 Cliffen Read NE, Mailstop A-46 Atlanta, GA 30333 FAX: 404-718-2098 E-mail: Insat@cdc.gov

APPENDIX A TO PART 27-DHS CHEMICALS OF INTEREST

			Rel	Release Theft		Theft	Sab	Sabotage	Ц	Sec	É	Security Issue	9	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 Cushing otherwise noted)	Minimum Concentration (%)	Screening Threshold Quantities	Relesse Toxic	Release - Flammables	Release Explosives Then CWICWP	SMW - Thorit	Theft - EXPNEDP	Sabotage/Contamination
Acetaidehyde		75-07-0	1.00	10,000					İ	×	╁	╀	┖	L
Acetone cyanohydrin,		75-86-5					ACG	APA			-	-		×
Acetyl bromide		506-96-7					ACG	APA		+	+	H	L	×
Acetyl chloride		75-38-5					ACG	APA		H	H	H	L	×
Acetyl iodide		507-02-8					ACG	APA		-	H	H		×
Acetylene	[Ethyne]	74-86-2	1.00	10,000						×	H	H		
Acrolein	[2-Propenal] or Acrylaldehyde	107-02-8	1.00	5,000					×		H	H		
Acrylonitrile	[2-Propenentrile]	107-13-1	1.00	10,000						×	H	H		
Acrylyl chloride	[2-Propenoyl chloride]	814-68-6	1.00	10,000						×	Н	H	Ц	
Allyl atophol	[2-Propen-1-ol]	107-18-6	1.00	15,000					×		Н	_		
Allylamine	[2-Propen-1-amine]	107-11-9	1.00	10,000						×	Н	Н		
Allytrichtorosilane, stabilized		107-37-9					ACG	APA		Н	Н	H		×
Aluminum (powder)		7429-90-5			ACG	100				Н	Н	Н	×	
Aluminum bromide, anhydrous		7727-15-3					ACG	APA			_	_		×
Aluminum chloride, anhydrous		7446-70-0					ACG	APA	İ	H	+	┝	L	×
Aluminum phosphide		20859-73-8					ACG	APA		H	H	H		×
Ammonia (anhydrous)		7864-41-7	1.00	10,000					×	H	H	H	L	
Ammonia (conc. 20% or or oreater)		7664-41-7	20.00	20,000					×					
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]		6484-52-2	ACG	2,000	ACG	400					×		×	

			Rot	Referse		Theft	Sal	Sabotage		8	Security Issue	y Isa	97	
Chemicals of interest (COI)	Бупопуп	Chemical Abstract Service (CAS) #	White Concentration (%)	Screening Threshold Quantities (in pounds)	Minimum Concentration (%)	bloriserifig Threshold Quantities (in pounds unless Cleatories despondation		biodeenff gnineenos estitusuD	Release Toxic	Release - Flammables	Release Explosives	Theft - CWICWP	Theft - EXPAEDP	SabotsgelContamination
Ammonium nitrate, solid nitrogen concentration of 23%		6484-52-2			33.00	2000				\vdash	+	⊢	×	-
nitrogen or greater											\dashv	-	-	4
Ammonium perchlorate		7790-98-9	ACG	9,000	ACG						×	-	×	_
Ammonium picrate		131-74-8	ACG	2,000	ACG	400					×	Н	×	
Amythrichlorosilane		107-72-2					ACG				-	H	L	^
Antimony pentafluoride		7783-70-2					ACG	APA		H	H	H	L	×
Arsenic trichloride	[Argenous trichloride]	7784-34-1	1.00	15,000	30.00	2.2		_	×	H	-	×	L	L
Arsine		7784-42-1	00	1,000	0.67	15			×	H	H	ř	L	-
Bartum azide		18810-58-7	ACG	5,000	ACG	Ľ			L	-	×	┝	×	L
1,4-Bis(2-chloroethyltho)-n-		142868-93-7			20	CUM 100g				H	_	×	_	-
butane										_	_	_	_	_
Bis(2-chloroethyithio)methane		63869-13-6			CO	M 100g				H	_	_	L	L
Bis(2- chloroethylthiomethyllether		63918-90-1			no	CUM 100g					<u> </u>	×	_	_
,6-Bis(2-chloroethylthio)-n-		142868-94-8			3	CUM 100g			İ	+	-	×	-	⊢
1.3-Bis/2-chicroethylthiol-n-		83905-10-2			ō	CLIM 1000			İ	+	f	×	+	+
ргорапе						n 0				_	_	_	_	_
Boron tribromide		10294-33-4			12.67	45	ACG	APA		H	H	×	L	×
Boron trichloride	[Borane, trichloro]	10294-34-5	1.00	5,000	84.70				×	H	H	×	L	L
Boron triffuoride	[Borane, trifluoro]	7837-07-2	1.00	5,000	26.87	45			×	-	-	×	L	L
Boren trifluoride compound with methyl ether (1:1)	[Boron, trifluoro [oxybis (methane)]. .T-4-1	353-42-4	1.00	15,000					×	-	-	-	_	
Bromine		7726-95-B	1.00	10,000					×	H	-	H	L	L
Bromine chloride		13863-41-7			9.67	45				-	H	×	L	L
Bromine pentafluoride		7789-30-2					ACG	APA		Н	Н	Н		×
Bromine trifluoride		7787-71-5			6.00	45	ACG	APA		-	Н	×		×
Bromotrifluorethylene	[Ethene, bromotrifluoro-]	598-73-2	1.00	10,000						×	Н	Н	Ц	Н

		Release Theft	Rel	Release		Theft	Sab	Sabotage		Se	curit	Security Issue	911	П
Chemicals of interest (COI)	Bynonym	Chemical Abstract Service (CAS) #	Minimum Concentration (%)	Screening Threshold Quantities (in pounds)	Minimum Concentration (%)	Screening Threshold Quantities (in pounds unless Quantities (in potent)	Minimum Concentration (%)	Screening Threshold Quantities	Release - Toxic	Relesse – Flammables	Release – Explosives	BMW - Thort	Theft - EXPAEDP	Sabotage/Contamination
3-Butadiene		106-99-0	1.00	10,000					T	×	Ͱ	₽	L	L
Butane		106-97-8	1.00	10,000						×	H	H		
Butene		25167-67-3	1.00	10,000						×	H	H	Ц	
1-Butene		106-98-9	1.00	10,000						×	-	_		
2-Butene		107-01-7	1.00	10,000						×	Н	Н		
-Butene-cis		590-18-1	1.00	10,000						×	Н	_		
2-Butene-trans	[2-Butene, (E)]	624-64-6	1.00	10,000						×	Н	Н		
Butytrichlorosijane		7521-80-4					ACG	APA			Н	Н	Ц	×
Calcium hydrosulfile	[Calcium dithlonite]	18512-36-4					ACG	APA			Н	Н		×
Calcium phosphide		1305-99-3					ACG	APA			Н	H	Ц	×
Carbon disulfide		75-15-0	1.00	20,000					×		Н	4		
Carbon oxysuifide	[Carbon oxide sulfide (COS); carbonyl sulfide]	463-58-1	1.00	10,000						×		_		
Carbonyl fluoride		353-50-4			12.00	45					-	×		
Carbonyl sulfide		463-58-1			58.67	900					Н	×		
Chlorine		7782-50-5	1.00	2,500	9.77	500			×		Н	×		
Chlorine dioxide	[Chlorine axide, (CIO2)]	10049-04-4	1.00	1,000			ACG	APA	×	П	Н	Н		×
Chlorine monoxide	[Chiorine oxide]	7791-21-1	1.00	10,000						×	+	-		
Chlorine pentalluoride		13637-63-3			4.07	15					H	×		
Chlorine trifluoride		7790-91-2			9.97	45					-	×		
Chloroacetyl chloride		79-04-9					ACG	APA			Н	Н	Ц	×
2-Chioroethylchloro- methylsuffide		2625-76-5			ਹ	CUM 100g					×			
Chloraform	[Methane, trichloro-]	67-66-3	1.00	20,000					×	H	Н	Н	Ц	
Chloromethyl ether	[Methane, oxybis(chloro-)]	542-88-1	1.00	1,000					×		Н	Н		
Chloromethyl methyl ether	[Methane, chloromethoxy-]	107-30-2	1.00	5,000					×	Н	Н	Н	Ц	
-Chloropropylene	[[1-Propene, 1-chloro-]	590-21-6	1.00	10,000						×	+	4	4	
2-Chigropropylene	[1-Propene, 2-chlaro-]	557-98-2	1.00	10,000					_	×		_	_	

			Ret	Release		Theft	Sab	Sabotage	Ц	8	15	Security Issue	en	
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	SixoT — sessiosi	Release - Flammables	Relesse – Explosives	Theft - WME	Theft - EXPIIEDP	Sabotage/Contamination
Chlorosarin	[o-teapropy] methylopachonochloridate]	1445-76-7			ટે	CUM 100g				\vdash	H	×	⊢	-
Chlorosoman	[o-Pinacolyl methylphosphonochloridate]	7040-57-5			ਰੋ	CUM 100g						×	_	-
Chlorosulfonic acid		7790-94-5					ACG	APA		H	H	-	L	×
Chromium oxychloride		14977-61-8					ACG	APA			H	H	L	-
Crotonaldehyde	[2-Butenaf]	4170-30-3	1.00	10,000						×	-	H		
Crotonaldehyde, (E)-	[2-Butenaf], (E)-]	123-73-9	1.00	10,000						×	H	H	Ц	_
Cyanogen	[Ethanedinitrile]	460-19-5	1.00	10,000	11.67	45				×	-	×		-
Cyanogen chloride		508-77-4	1.00	10,000	2.67	15			×	Н	Н	×		
Cyclohexylamine	[Cyclohexanamine]	108-91-8	1.00	15,000					×	+	+	4		-
Cyclohexyltrichiorositane		98-12-4					ACG	APA			Н	Н	Ц	~
Cyclopropane		75-19-4	1.00	10,000						×	-	4	Ц	-
DF	Methyl phosphonyl difluoride	676-99-3			CO	CUM 100g				Н	7		Ц	-
Diazodinitrophenol		87-31-0	ACG	5,000	ACG	400					×	_	×	Н
Diborahe		19287-46-7	1.00	2,500		15			×	Н	Н	×	Ц	-
Dichlorosilane	[Sitane, dichloro-]	4109-96-0	1.00	10,000	-	45				×	Н	-	Ц	Н
N,N-(2-		100-38-9			90.00	2.2				_	_	×	_	_
Olempia mino jemanemio		1719,53.5					ACG	APA	İ	+	+	+	1	×
- Orankal O fo		78 K2 K			20.05	20			İ	t	*	-	L	1
o,o-Diethyl 5-[2- (diethylamino)ethyl] phosphorothiolate		0-00-0			20.00	77					`	_		
Diethyleneglycol dintrate		693-21-0	ACG	5,000	ACG	400					×		×	_
Diethyl methylphosphonite		15715-41-0			30.00	2.2					×			
N.N-Diethyl phosphoramidic dichlorido		1498-54-0			30.00	2.2					_			_
N,N-(2-	N N-dilsopropyi-(beta)-	5842-07-9			30.00	2.2				-	×		_	_

	Appendix A to rait 6/ One Chemicals of Interest	'art 61 v	500	Omican	10.	19201					I	I	ı	1
			Rel	Release		Theft	Sat	Sahotage		취	Security Insus	4	وا	
Chemicals of Interest (COI)	Synonym	Chemical Abstract Service (CAS) #	Minimum Concentration (%)	Screening Threshold Quantities (in pounds)	Minimum Concentration (%)	Screening Threshold Guardities (in pounds unless Guardise noted)	Minimum Concentration (%)	Screening Threshold estiting	Release - Toxic	Release - Fiammables	Felesse – Explosives	BMW - FIRST	Then - EXPREDP	SebotagalContamination
Offucroethane	llEthane 1.1-difluoro-1	75.37-6	1.00	10.000					T	×	⊦	L	L	L
N,N-Disopropyl obosporamide dehloride		23306-80-1			30.00	2.2				-	×			
1 1-Dimethylhydrazine	[Hydrazine, 1, 1-dimethyl-]	57-14-7	1.00	10,000						×	H	L		
Dimethylamine	[Methanamine, N-methyl-]	124-40-3	1.00	10,000						×	H	L		
N.N-(2-		108-02-1			30.00	2.2					×			
Dimethyldichicrosilane	[Silane, dichlorodimethyl-]	75-78-5	1.00	10.000			ACG	APA		×	H	L	L	×
N,N-Dimethyl phosphoramidic dichloride	Dimethylphasphoramido- dichloridate)	677-43-0			30.00	2.2					×			
2 2-Dimethylprobahe	[Propane, 2,2-dimethyl-]	463-82-1	1.00	10,000						×	Н	Ц		
Dingu	[Dinitroglycoluril]	55510-04-8	ACG	5,000	ACG	400					×		×	
Dinitrogen tetroxide		10544-72-8			3.80	15					Н	×		
Dinitrophenol		25550-58-7	ACG	5,000	ACG	400					×	Ц	×	
Dinitroresorcinal		519-44-8	ACG	5,000	ACG	400				^	×		×	
Diphenyldichlorosilane		80-10-4					ACG	APA		H	Н	Ц		×
Dipionl sulfide		2217-06-3	ACG	5,000	ACG	400				7	×	Ц	×	
Dipicrylamine [or] Hexyl	[Hexanitrodiphenylamine]	131-73-7	ACG	5,000	ACG	400				^	×		×	
N,N-(2- dincontaminoletherethiol		5842-06-8			30.00	2.2					×			
N.N-Dipropyl phosphoramidic		40681-98-9			30.00	2.2					×			
Dodeoutrichlordsilane		4484-72-4					ACG	APA		H	H			×
Epichlorohydrin	[Oxirane, (chloromethyl)-]	106-89-8	1.00	20,000					×	Н	Н	Ц		
Ethane		74-84-0	1.00	10,000						×	Н	Ц		
Ethyl acetylene	[1-Bulyne]	107-00-6	1.00	10,000						×	Н	Ц		
Ethyl chloride	[Ethane, chloro-]	75-00-3	1.00	10,000						×	H	4		
Ethyl ether	[Ethane, 1,1-oxybis-]	60-29-7	1.00	10,000						×	+	4		
Ethyl mercaptan	[Ethanethiof]	75-08-1	1.00	10,000						×	_	_		

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		Relasse Theft	Rel	Release		Theft	Sab	Sabotage		Sec	Series Series	Security Issue	9	L
Chemicals of interest (COI)	Synonym	Chemical Abstract Service (CAS) #	Minimum Concentration (%)	Screening Threshold Quantities (in pounds)	Minimum Concentration (%)	Screening Threshold Quantities (in pounds unless duantities estimate)	Minimum Concentration (%)	Screening Threshold Quantities	Release - Toxic	Release - Flammables	Kelesse – Explosives	Then - WME	Theft - EXPNEDP	Sabotage/Contamination
A section of the sect	Mitters acid athul astarl	109-95-5	1 00	10.000					H	×	H	H	L	
EUNI NATIO	Company of the Company	753-98-0			COM	M 100g				H	×			
my prosprionir dinamina	Ethanaminal	75-04-7	1.00	10,000						×	Н	Н		
Emidiathocolomina		139-87-7			80.00	220			Т	Н	×			
Bendana	(Pibece)	74-85-1	1.00	10,000						×	Н	Ц	Ц	
Ethylana Oxide	Oxirane	75-21-8	1.00	10,000						×	+	4	4	_
Fitydanadiamina	[1.2-Ethanediamine]	107-15-3	1.00	20,000					×	+	+	4	4	_
Ethyleneimine	Azirdine	151-56-4	1.00	10,000	_				1	×	ť	4	4	4
Ethylphosphonothiaic		983-43-1			30.00	2.2				_	×	_		
stehloride		115.21.0					ACG	APA	İ	t	H	╀	₽	×
ETHYITICE GOLOSI STATE		7787.41.4	1 00	1,000	6.17	15			×	H	H	×		
Figorine Charles		7789-21-1					ACG	APA		H	Н	Н	Ц	~
Formaldehyde (solution)		90-00-0	1.00	15,000					×	Н	Н	Н	Ц	Ц
Furan		110-00-9	1.00	10,000						×	+	+	4	4
Germane		7782-65-2			20.73				1	+	+	4	4	4
Germanium tetrafluoride		7783-58-6			2.11	15			1	+	1	×	+	4
Guanyi ntrosaminoguanylidene			ACG	2,000	ACG	8					×		<	
Moxaethyl tetraphosphate and compressed gas mixhires		757-58-4			33.37	800						×		
Have Barresselves		684-16-2			15.67	L				Н	Н	×	Н	Н
Havanitrostilbara		20062-22-0	ACG	5,000	Н					7	×	+	×	4
The colors	THexatell	121-82-4	ACG	5,000	ACG	400					×	+	×	-
Hexyltrichlorosilane		928-65-4					ACG	APA	Ī	+	1	+	1,	×
HMX	[Cyclotetramethylene-	2691-41-0	ACG	2,000	ACG	400				_	×	_	<u> </u>	_

			Rel	Release		heft	Sab	Sabotage	Ш	88	Security Issue	y las	95	П
Chemicals of Interest (COI)	Эуполут	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	Relesse – Toxic	Rolease - Flammables	Release - Explosives	BWW - Ruft	Then - EXPREDP	SabotagaiContamination
HN1 (nitrogen mustand-1)	(Bis.2-chipmethy)ethylamine)	538-07-8			CUM	M 100g			t	t	f	×	Ļ	+
HN2 (nitrogen mustard-2)	[Bis(2-chloroethyl)methylamine]	51-75-2			CO	CUM 100a			t	t	F	×	Ļ	۲
HN3 (nitrogen mustard-3)	[Tris(2-chloroethyl)amine]	565-77-1			CC	CUM 100g			T	t	f	×	L	-
Hydrazine		302-01-2	1.00	10,000						×	-	-	L	-
Hydrachioric acid (come, 37%)		7647-01-0	37.00	15,000					×		-	_	_	_
Avdrocvanic acid		74-90-8	1.00	2.500					×	t	+	+	Ļ	+
Hydrofluoric acid (conc. 50% or greater)		7664-39-3	90.00	1,000					×		-	-	_	_
Hydrogen		1333-74-0	1.00	10,000					t	×	H	H	L	-
tydrogen bromide (anhydrous)		10035-10-6			95.33	200					-	×	_	_
Hydrogen chloride (anhydrous)		7647-01-0	1.00	9,000	ACG	900			×		-	×	_	-
Hydrogen cyanide	[Hydrocyanic acid]	74-90-8			4.67	15			T	H	Н	×	┡	-
dydrogen fluoride (anhydrous)		7664-39-3	1.00	1,000	42 53	45			×	H	H	×	L	-
Hydrogen lodide, anhydrous		10034-85-2			95.33	900				H	Н	×	Ц	
Hydrogen peroxide (concentration of at least 35%)		7722-84-1			35.00	400							×	
Hydrogen selenide		7783-07-5	1.00	10,000	0.07	15			+	×	╁	×	┸	-
Hydrogen sulfide		7783-06-4	1.00	10,000	23.73	45			×	H	H	×	L	-
odine pentalluoride		7783-66-6					ACG	APA	T	H	H	L	L	×
ron, pantacarbonyl-	[Iran carbonyl (Fe (CO)5), (TB5- 11)-]	13463-40-6	1.00	10,000						×				
gobutane	[Propane, 2-methy!]	75-28-5	1.00	10,000						×	Н	Н		ш
sobutyronitrie	[Propanenitrile, 2-methyl-]	78-82-0	1.00	20,000					×	Н	Н	Ц	Ц	Ц
nopentane	[Butane, 2-methyl-]	78-78-4	1,00	10,000						×	+	4	4	_
somene	[1,3-Butadiene, 2-methyl-]	78-79-5	100	10.000						>	-			_

			Ret	Rolease	Refease Theft	Theft	Sab	Sabotage	П	Se	curit	Security Issue	9	П
Chemicals of Interest (COI)	Synonym	Chemical Abstract Servico (CAS) #	Minimum Concentration (%)	Screening Threshold Quantities (in pounds)	Minimum Concentration (%)	Screening Threshold Quantities (in pounds unless Otherwise noted)	Minimum Concentration (%)	Screening Threshold Quantities	Relesse Toxic	Release - Flammables	Release - Explosives	Then - CWICWP	903A9X3 — fiedT	SabotagalContamination
language objecte	(Propane, 2-chloro-1	75-29-6	100	10.000					İ	×	H	⊦	L	L
isopropyl chloroformate	[Carbonochloridic acid, 1- methylathyl sster]	108-23-6	1.00	15,000					×					
Isoproviamine	12-Propanamine	75-31-0	1.00	10,000						×	H	H	L	
(achienda		1498-80-8			30.00	2.2						×	_	
Isopropylphosphanyl difluoride		677-42-9			20	CUM 100g						×	_	
Lead azide		13424-46-9	ACG	5.000	ACG	400				H	×	Н	×	
Lead styphnate	[Lead trinitroresordinate]	15245-44-0	ACG	5,000	ACG				Ī	i	×	Н	×	
Lewisite 1	[2-Chlorovinyldichloroarsme]	541-25-3			CO	CUM 100g						×	Ц	
Lawisite 2	[Bis(2-chlorovinyl)chloroarsine]	40334-69-8			CO	CUM 100g						×	Ц	
Lewiste 3	[Tris(2-chlorovinyf)arsine]	40334-70-1			CO	CUM 100g					_	×		
Lithium amide		7782-89-0					ACG	\mathbf{L}			Н	Н	Ц	×
Lithium nitride		26134-62-3					ACG	APA				+	4	×
Magnesium (powder)		7439-95-4			ACG	100					1	H	×	
Magnesium diamide		7803-54-5					ACG	-			+	H	4	×
Magnesium phosphide		12057-74-8					ACG	APA				+	4	×
MDEA	[Methyldlethanolamine]	105-59-9			80.00					1	-	×	4	_
Mercury fulminate		628-86-4	ACG	5,000	ACG	400				1	×	+	×	4
Methacrylonitrie	(2-Propenentrile, 2-methyr-	126-98-7	1.00	10,000					×	1	1	4	4	4
Methane		74-82-8	1.00	10,000						×		+	4	
2-Methyl-1-butene		563-46-2	1.00	10,000						×		Н		
3-Methyl-1-butene		563-45-1	1.00	10,000						×	Н	Н	Ц	Ц
Methyl chloride	[Methane, chloro-]	74-87-3	1.00	10,000						×		Н	4	
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	Н	Ц	
A Table of Street, Color	The second to second the second	0 40 704	1 00	40.000						>				

	Release Theft		Rele	Release		Theft	Sab	Sabotage		Se	i	Security Issue	9	
Chemicals of Interest (COI)	Вупопут	Chemical Abstract Service (CAS) #	(%) notranteson Concentration (%)	Screening Threshold Quantities (In pounds)	Minimum Concentration (%)	Screening Threshold Quantities (in pounds unless Quantities noted)	(%) noinmines Concentration (%)	Screening Threshold Quantities	Relesse - Toxic	Release - Flammables	Liveli CMICMP	3MW - HertT	Theft - EXPNEDP	Sabotage/Contamination
Attechni hustenzine	(Hurtrazine methyl-1	60-34-4	1.00	15,000					×	H	H	H	L	-
Market increases	Methane isockanato-	624-83-9	1.00	10.000					×			H		
Mathyl mercanian	Methanethicil	74-93-1	1.00	10,000	45.00	900				×	H	×	Н	Н
Methy thiocyanate	Thickenic acid, methyl esteri	556-64-9	1.00	20,000					×	ī		_		Н
Mathylamina	Methanaminal	74-89-5	1.00	10,000						×		H		
Methylchlorosilane		893-00-0			20.00	45				Т		×		_
Vethyldichlorosiane		75-54-7					ACG			П		Н	Н	×
Methylphenyldichlorosilane		149-74-8					ACG	APA				+	4	\sim
Methylphosphonothiolo		676-98-2			30.00	2.2						×		_
J. Markydronana	[1.Propene 2-methyl-]	115-11-7	1.00	10,000						×		H	Н	Н
Mathytrichlornallane	Stane trichloremetry-	75-79-6	1.00	10,000			ACG	APA		×	Н	Н	Н	×
Sulfur mustard (Musterd gas	[Bis(2-chloroethyl)sulfide]	505-80-2			ว	CUM 100g						×		
(I)	(Ris/2-chloroethylthioethyliether)	63918-89-8			CC	CUM 100g				Г		×	Н	
Nickel Carbonyl		13463-39-3	1.00	10,000						×		Н	Н	Н
place or in		7697-37-2	80.00	15,000					×	7	1	Н	×	-
Nitro exide	(Nitrogen oxide (NO)]	10102-43-9	1.00	10,000	3,83				×		1	×	-	4
Nitrobenzene		98-95-3			ACG					1	1	+	×	+
S-Mitrobenzotriazol		2338-12-7	ACG	5,000	ACG						×	+	×	+
Nitrocellulose		9004-70-0	ACG	5,000	ACG	400					×	+	×	
Nitrogen mustard	(Bis(2-chloroethyl)methylamine hydrochloride)	55-86-7			30.00	2.2						×	_	_
Mitcoon Morede		10544-73-7			3.83	15						×	-	-
Nitroplycerine		55-63-0	ACG	5,000	ACG						×	Н	×	-
Nitromannite	[Mannitol hexanitrate, wetted]	15825-70-4	ACG	5,000	ACG						×	+	×	+
Nitromethane		75-52-5			ACG					1	1	+	×	+
Nitrostarch		9056-38-6	ACG	5,000	ACG				I	1	×	ť	×	+
Nitrosyl chloride		2696-92-6			1.17	15								-

		Release Theft	Rel	Release		Theft	Sab	Sabotage	П	Sec		Security Issue	
Chemicals of Interest (COI)	8ynonym	Chemical Abstract Service (CAS) #	Winimum Concentration (%)	Screening Threshold Quantities (in pounds)	Minimum Concentration (%)	Sereening Threshold Quantities (in pounds unless Quantities united)	Minimum Concentration (%)	Screening Threshold Quantities	Release - Toxic	Release - Fammables Release - Explosives	Theft CWICWP	Theft - WME	Theft — EXPIIEDP
Shothandona		932-64-9	ACG	5.000	ACG	400			H	F	×	L	×
Monday localisms		5283-67-0					ACG	APA		+	-	L	
Octadecultrichlocoslane		112-04-9					ACG	APA	H	H	H		
Octolita		57607-37-1	ACG	5.000	ACG					_	×	Ц	×
Ortonal		78413-87-3	ACG	5.000	ACC	400				Ĥ	×		×
Octybrichlocosilans		5283-66-9					ACG	APA		Н	Н	Ц	
Oleum (Fuming Sulfuric acid)	(Suffuric gold, mixture with sulfur	8014-95-7	1.00	10,000					×		_	_	
Owner diffuoride		7783-41-7			0.09	15					Н	×	
3-Pentadiene		504-60-9	1.00	10,000					ī	×	Н	Н	
Pentane		109-66-0	1.00	10,000						×	H	4	
· Pentene		109-67-1	1.00	10,000						×	Н	4	
2-Pentene (E)		646-04-8	1.00	10,000						×	-	4	
2-Pentene (Z)-		627-20-3	1.00	10,000						×	Н	Н	
Pentolite		8066-33-9	ACG	5,000	ACG	400			П		×	Ц	×
Peracetic acid	(Ethaneperoxid acid)	79-21-0	1.00	10,000					-	×	+	4	4
Perchloromethylmercaptan	[Methaneauffenyl chloride, trichloro-]	594-42-3	1.00	10,000					×			_	
Perchlory fluoride		7616-94-6			25.67	45					+	×	
PETN	[Pentaerythritol tetranitrate]	78-11-5	ACG	5,000	ACG				П		×	Н	×
Phenytrichloros lane		98-13-5					ACG	APA	7	+	+	4	4
Phosgene	(Carbonic dichiorde) or (carbonyl dichloride)	75-44-5	1.00	909	0.17	15			×			×	
Phosphine		7803-51-2	1.00	10,000	0.67				1	×	+	×	1
Phosphorus		7723-14-0			ACG				1	+	+	4	×
Phosphorus oxychloride	[Phosphoryl chloride]	10025-87-3	1.00	5,000	80.00	220	ACG	APA	×		×	-	1
Phosphorus pentabromide		7789-69-7					ACG	APA	1	+	+	+	1
Phosphorus pentachloride		10026-13-8					ACG		1	+	+	4	1
All the state of t		000000					200	VOV	•	-	•		

	Release Theft		Rele	Release		Theft	Sab	Sabotage	ı	Sec	į	Security Issue	9	L
Chemicals of interest (COI)	Synonym	Chemical Abstract Sarvice (CAS) #	Minimum Concentration (%)	biodesrift gnineers8 Guernities (in pounds)	(%) nothertheono committee (%)	Screening Threshold Quantities (in pounds unless (baton estwed)o	(36) entiretines Concentration (36)	Screening Threshold Quantities	Roleaso Toxic	Release - Flammables	Release Explosives	aMW - Aer⊓	Theft - EXPREDP	RebotsgeiContamination 8
Observation of trickloride		7719-12-2	00	15,000	3.48	46	ACG	APA	×		H	×	L	×
Principles of the residence	Minoguanidaal	566-88-7	ACG	5.000	ACG	400			H		×	H	×	Ц
Dinaridina		110-89-4	1.00	10,000						×	Н	Н	Ц	Ц
Potessium chlorate		3811-04-9			ACG	400			Н	Н	Н		×	Ц
Debessiem Cuanide		161-50-8					ACG	APA	ī		Н	Н	Ц	×
Potassim pitrale		7757-79-1			ACG	400				Н	Н	Н	×	_
Dotasskim parchingto		7778-74-7			ACG	400					Н	-	×	_
Dobacelist permandahate		7722-64-7			ACG	400					H	Н	×	-
Potassium phosphide		20770-41-6					ACG	APA			+	+	_	×
Proceediene	11.2-Propadlenel	463-49-0	1.00	10,000					1	×	+	+	4	\rightarrow
Probane		74-98-6	1.00	60,000					-	×	+	+	4	+
Propionitrile	[Propanentinie]	107-12-0	1.00	10,000					×	+	+	+	4	+
Propyl chloroformate	[Carbonchloridic acid, propylester]	109-61-5	1.00	10,000						×		_	_	_
Proprieto	11-Propenel	115-07-1	1.00	10,000						×	Н	Н	Н	\vdash
Proprieto oxide	(Oxirane, methyl-1	75-56-9	1.00	10,000					-	×	-	-	4	-
Proprietation	[Aziridine, 2-methyl-]	75-55-8	1.00	10,000					×	Н	Н	Н	Ц	-
Propylphosphonothioic		2524-01-8			30.00	2.2						×		_
Prominhosohomy diffuoride		690-14-2			CUM	M 100g					-	×	_	-
Proprietichlomailane		141-57-1					ACG	APA		1	+	+	4	×
Property	[1-Propyne]	74-89-7	1.00	10,000					1	×	+	+	4	+
OI.	[o-Ethyl-o-2-dilsopropylaminoethyl methylphosphonite]	67856-11-8			กว	CUM 100g					_	×	-	\rightarrow
BOX	[Cyclotrimethylenetrinitramine]	121-82-4	ACG	5,000	ACG				1	1	×	+	×	+
RDX and HMX mixtures		121-82-4	ACG	5,000	ACG	400			1	1	×	+	×	+
Serin	[o-Isopropyl methylphosphonofluoridate]	107-44-8			3	CUM 100g						×	-	-
1		7703.70.1			187	40	_		_		-	×		_

Chemicals of Interest (COI)			Ma	Release		Theft	Sa	Sabotage		Š	Security Issue	8	۰	1
	Эупонут	Chemical Abstract Service (CAS) #	Minimum Concentration (%)	Screening Threshold Quantities (in pounds)	Minimum Concentration (%)	Screening Threshold Quantities (in pounds unless Appendix of the property of t	(%) natiratines Concentration (%)	Screening Threshold esithmus Quantities	SixoT — esseleR	Release - Fiammables Release - Explosives	Theft - CWICWP	Then - WME	Theft - EXPIEDP	noitsnimatno-Nagatods2
Sesculmustand	12-Bis/2-chloroethylthiolethanel	3563-36-8			20	CUM 100a			İ	t	ř	L	L	┸
		7803-62-5	1.00	10,000	L					×	\vdash	L		_
Silicon tetrachloride		10028-04-7					ACG	APA		H	H	L		×
Silicon tetrafluoride		7783-61-1			15.00						_	×		
Sodium azide		26628-22-8			ACG	400	L			H	H		×	
Sodium chlorate		7775-09-8			ACG	400					Н	Ц	×	
Sodium cyanide		143-33-9					ACG	APA						
lifte	Sodium dithionits]	7775-14-8					ACG	APA		H	H			
Sodium nitrate		7631-99-4			ACG	400		_			_		×	
Sodium phosphide		12058-85-4					ACG	APA			H			
	[o-Pinacoly] methylphosphonofluoridate]	96-64-0			CUM	M 100g					×			_
Stibine		7803-52-3			79.0	15				H	H	×		
Strontium phosphide		12504-16-4					ACG	APA		H	H	L		
Sulfur dioxide (anthydrous)		7446-09-5	1.00	5,000	84.00	200			×	H	H	×		
Г	Sulfur fluoride (SF4), (T-4)-]	7783-60-0	1.00	2,500	1,33	15			×	H	H	×		_
Sulfur trioxide		7446-11-9	1.00	10,000	_				×	H	H	L		
Sulfuryl chloride		7791-25-5					ACG	APA						×
	(o-Ethyl-N, N- dimethylphosphoramido-cyanidata)	77-81-6			D C	CUM 100g					×			
Tellumum hexafluoride		7783-80-4			0.83	15				Н	Н	×		
etrafluoroethylene [[6	Ethana, tetrafluoro-	116-14-3	1.00	10,000						×	_			
	Plumbane, tetramethyl-]	75-74-1	1.00	10,000					×	H	Н			
	Silane tetramethyl-	75-76-3	1.00	10,000						×	H			
		53014-37-2	ACG	5,000	ACG	400				×			×	
etranitromethane	Methane, tetranitro-]	509-14-8	1.00	10,000	_					×	Н			
etrazene	Guanyl	109-27-3	ACG	2,000	ACG	400				×	_		×	

			Re	Release Theft		Theft	Sat	Sabotage		S	aria.	Security Issue	9	
Chemicals of Interest (COI)	Synonym	Chemical Abstract Service (CAS) #	Minimum Concentration (%)	Screening Threshold Quantities (in pounds)	Minimum Concentration (%)	Screening Threshold Quantities (in pounds unless Outherwise noted)		Screening Threshold Quantities	Release - Toxic	Release - Flammables	Helesse – Explosives	SMW - florit	Theft - EXPREDP	SabotagetContamination
1H-Tetrazole		288-94-8	ACG	5.000	ACG	┺	L		İ	f	×	╀	×	L
Thiodigiyeei	[Bis(2-hydroxyethyl)sulfide]	111-48-8			30.00	2.2			İ		×	L		L
hionyl chloride		7719-09-7					ACG	APA			-	L		×
fitanium tetrachloride	[Titantum chloride (TiCl4) (T-4)-]	7550-48-0	1.00	2,500	13.33	L	ACG	APA	×		H	×		×
TN.	[Trinitrotoluene]	118-98-7	ACG	5,000	ACG	400	L			F	×	L	×	
Torpex	[Hexotonal]	67713-16-0	ACG	5,000	ACG	L				-	×	L	×	L
richlorositane	[Silane, trichloro-]	10025-78-2	1.00	10,000			ACG	APA		×	-	L	L	×
riethanolamina		102-71-8			80.00	220					×		L	
Triethanciamine hydrochloride		637-39-8			80.00						×			
riethyl phosphite		122-52-1			80.00	220					×			
rifluoroacetyl chloride		354-32-5			6.93						H	×		
rifluorochloroethylene	[Ethene, chiprotrifluoro]	79-38-9	1.00	10,000	66.67	200				×	H	×		
rimethylamine	[Methanamine, N,N-dimethyl-]	75-50-3	1.00	10,000						×	Н			
rimethylchlorosilane	Silane, chlorotrimethyl-	76-77-4	1.00	10,000			ACG	APA		×	Н	E		×
rimethyl phosphite		121-45-9			80.00	220					×			
rintroantine		26852-42-1	ACG	5,000	ACG	400				_	×	L	×	
rintroanisole		606-35-9	ACG	5,000	ACG	400				-	×		×	
rinitrobenzene		99-35-4	ACG	5,000	ACG	400				_	-	L	×	
rinitrobenzenesulfonic acid		2608-19-2	ACG	6,000	ACG	400				1	Ļ	L	×	
Trinitrobenzoic acid		129-66-9	ACG	5,000	ACG	400				_	×		×	
rinitrochiorobenzene		88-88-0	ACG	5,000	ACG	400				-	U	L	×	
rinitrofluorenona		129-79-3	ACG	5,000	ACG	400				_	U	L	×	
[rinitro-meta-cresol		602-99-3	ACG	5,000	ACG	400				_	U	L	×	
rinitronaphthalene		55810-17-8	ACG	5.000	ACG	400			İ	F	L	L	×	L
rinitrophenetole		4732-14-3	ACG	5,000	ACG	L				Ê	×	L	×	
rinitrophenol		88-89-1	ACG	5.000	ACG					Ê	×	L	×	
rinitroresorcinol		82-71-3	ACG	5,000	ACG					^	×		×	
ritonal		54413-15-9	ACG	5.000	ACG	400				7	J		×	
Fungsten hexafluoride		7783-82-6			7 10	45						>		_

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			Re	Release	F	Theft	Seb	Sabotage		Sec	È	Security Issue	
Chemicals of Interest (COI)	Эулопуп	Chemical Abstract Service (CAS) #	Minimum Concentration (%)	Screening Threshold Quantilies (in pounds)	(%) notrardnesnoo murriniM	Screening Threshold Quantities (in pounds unless otherwise noted)	Winhmum Concentration (%)	Screening Threshold Quantities	StxoT esseleA	Release - Explosives	Theff - CW/CWP	Then - MME	Sabotage/Contamination
Vinyl acetate monomer	[Acetic acid ethenyl ester]	108-05-4	90-	10,000					Ē	×		t	H
Minyl acetylene	If1-Buten-3-vnel	689-97-4	8	10,000						×			H
Vinyl chloride	[Ethene, chloro-]	75-01-4	8	10,000						×			H
Vinyl ethyl ether	[Ethene ethoxe]	109-92-2	1.00	10,000						×			H
Vinyl fluoride	Ethene, fluoro	75-02-5	1.00	10,000					Ī	×			H
Vinyl methyl ether	[Ethene, methory-]	107-25-5	1.00	10,000						×			H
Vinylidene chloride	[Ethene, 1,1-dichloro-]	75-35-4	1.00	10,000						×			Н
Vinvlidene fluoride	[Ethene, 1,1-difluoro-]	75-38-7	1.00	10,000						×		П	Н
Vinvitrichlorosilane		75-94-5					ACG	APA		_		П	×
Λ Χ	(o-Ethyl-S-2-disepropylaminoethyl methyl phosphonothiolate)	50782-69-9			CUN	CUM 100g				_	×		_
Zinc hydrosuffite	[Zinc dithionthe]	7779-86-4					ACG	APA		H		T	×

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