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 planning quantity (pounds)
0	Organorhodium Complex (PMN–82–147)		10	10/10,000
50–00–0	Formaldehyde	f	100	500
50–07–7	Mitomycin C		10	500/10,000
50–14–6	Ergocalciferol	b	1,000	1,000/10,000
51–21–8	Fluorouracil		500	500/10,000
51–75–2	Mechlorethamine	b	10	10
51–83–2	Carbachol Chloride		500	500/10,000
54–11–5	Nicotine	b	100	100
54–62–6	Aminopterin		500	500/10,000
55–91–4	Isofluorphate	b	100	100
56–25–7	Cantharidin		100	100/10,000
56–38–2	Parathion	b	10	100
56–72–4	Coumaphos		10	100/10,000
57–14–7	Dimethylhydrazine		10	1,000
57–24–9	Strychnine	b	10	100/10,000
57–47–6	Physostigmine		100	100/10,000
57–57–8	Propiolactone, Beta-		10	500
57–64–7	Physostigmine, Salicylate (1:1)		100	100/10,000
57–74–9	Chlordane		1	1,000
58–36–6	Phenoxarsine, 10,10′-Oxydi-		500	500/10,000
58–89–9	Lindane		1	1,000/10,000
59–88–1	Phenylhydrazine Hydrochloride		1,000	1,000/10,000
60–34–4	Methyl Hydrazine		10	500
60–41–3	Strychnine sulfate		10	100/10,000
60–51–5	Dimethoate		10	500/10,000
62–38–4	Phenylmercury Acetate		100	500/10,000
62–53–3	Aniline	f	5,000	1,000
62–73–7	Dichlorvos		10	1,000
62–74–8	Sodium Fluoroacetate		10	10/10,000
62–75–9	Nitrosodimethylamine	d	10	1,000
64–00–6	Phenol, 3-(1-Methylethyl)-, Methylcarbamate		10	500/10,000
64–86–8	Colchicine	d	10	10/10,000
65–30–5	Nicotine sulfate		100	100/10,000
66–81–9	Cycloheximide		100	100/10,000
67–66–3	Chloroform	f	10	10,000
70–69–9	Propiophenone, 4-Amino-	c	100	100/10,000
71–63–6	Digitoxin	b	100	100/10,000
72–20–8	Endrin		1	500/10,000
74–83–9	Methyl Bromide	f	1,000	1,000
74–90–8	Hydrocyanic Acid		10	100
74–93–1	Methyl Mercaptan	f	100	500
75–15–0	Carbon Disulfide	f	100	10,000
75–21–8	Ethylene Oxide	f	10	1,000
75–44–5	Phosgene	f	10	10
75–55–8	Propyleneimine		1	10,000
75–56–9	Propylene Oxide	f	100	10,000
75–74–1	Tetramethyllead	b, f	100	100
75–77–4	Trimethylchlorosilane		1,000	1,000
75–78–5	Dimethyldichlorosilane	d	500	500
75–79–6	Methyltrichlorosilane	d	500	500
75–86–5	Acetone Cyanohydrin		10	1,000
76–02–8	Trichloroacetyl Chloride		500	500
77–47–4	Hexachlorocyclopentadiene	d	10	100
77–78–1	Dimethyl Sulfate		100	500
77–81–6	Tabun	b, d	10	10
78–00–2	Tetraethyllead	b	10	100
78–34–2	Dioxathion		500	500
78–53–5	Amiton		500	500
78–71–7	Oxetane, 3,3-Bis(Chloromethyl)-		500	500
78–82–0	Isobutyronitrile	d	1,000	1,000
78–94–4	Methyl Vinyl Ketone		10	10
78–97–7	Lactonitrile		1,000	1,000
79–06–1	Acrylamide	f	5,000	1,000/10,000
79–11–8	Chloroacetic Acid		100	100/10,000
79–19–6	Thiosemicarbazide		100	100/10,000
79–21–0	Peracetic Acid		500	500
79–22–1	Methyl Chloroformate	d	1,000	500
80–63–7	Methyl 2-Chloroacrylate		500	500

[CAS Number Order]

CAS No.	Chemical name	Notes	Reportable quantity * (pounds)	Threshold planning quantity (pounds)
81–81–2	Warfarin		100	500/10,000
82–66–6	Diphacinone		10	10/10,000
86–50–0	Azinphos-Methyl		1	10/10,000
86–88–4	ANTU		100	500/10,000
88–05–1	Aniline, 2,4,6-Trimethyl-		500	500
88–85–7	Dinoseb		1,000	100/10,000
91–08–7	Toluene 2,6-Diisocyanate		100	100
95–48–7	Cresol, o-		100	1,000/10,000
98–05–5	Benzenearsonic Acid		10	10/10,000
98–07–7	Benzotrichloride		10	100
98–13–5	Trichlorophenylsilane	d	500	500
98–16–8	Benzenamine, 3-(Trifluoromethyl)-		500	500
98–87–3	Benzal Chloride		5,000	500
98–95–3	Nitrobenzene	f	1,000	10,000
99–98–9	Dimethyl-p-Phenylenediamine		10	10/10,000
100–14–1	Benzene, 1-(Chloromethyl)-4-Nitro-		500	500/10,000
100–44–7	Benzyl Chloride		100	500
102–36–3	Isocyanic Acid, 3,4-Dichlorophenyl Ester		500	500/10,000
103–85–5	Phenylthiourea		100	100/10,000
106–89–8	Epichlorohydrin	f	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		500	500
107–12–0	Propionitrile		10	500
107–13–1	Acrylonitrile	f	100	10,000
107–15–3	Ethylenediamine		5,000	10,000
107–16–4	Formaldehyde Cyanohydrin	d	1,000	1,000
107–18–6	Allyl Alcohol		100	1,000
107–30–2	Chloromethyl Methyl Ether	b	10	100
107–44–8	Sarin	d	10	10
107–49–3	TEPP		10	100
108–05–4	Vinyl Acetate Monomer	f	5,000	1,000
108–23–6	Isopropyl Chloroformate		1,000	1,000
108–91–8	Cyclohexylamine	f	10,000	10,000
108–95–2	Phenol		1,000	500/10,000
108–98–5	Thiophenol		100	500
109–61–5	Propyl Chloroformate		500	500
109–77–3	Malononitrile		1,000	500/10,000
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	f	1,000	1,000
115–21–9	Trichloroethylsilane	d	500	500
115–26–4	Dimefox		500	500
115–29–7	Endosulfan		1	10/10,000
115–90–2	Fensulfothion	d	500	500
116–06–3	Aldicarb	b	1	100/10,000
119–38–0	Isopropylmethyl-pyrazolyl Dimethylcarbamate		100	500
123–31–9	Hydroquinone	f	100	500/10,000
123–73–9	Crotonaldehyde, (E)-		100	1,000
124–65–2	Sodium Cacodylate		100	100/10,000
124–87–8	Picrotoxin		500	500/10,000
126–98–7	Methacrylonitrile	d	1,000	500
129–00–0	Pyrene	b	5,000	1,000/10,000
129–06–6	Warfarin Sodium	d	100	100/10,000
140–29–4	Benzyl Cyanide	d	500	500
140–76–1	Pyridine, 2-Methyl-5-Vinyl-		500	500
141–66–2	Dicrotophos		100	100
143–33–9	Sodium Cyanide (Na(CN))	a	10	100
144–49–0	Fluoroacetic Acid		10	10/10,000
149–74–6	Dichloromethylphenylsilane		1,000	1,000
151–38–2	Methoxyethylmercuric Acetate		500	500/10,000
151–50–8	Potassium Cyanide	a	10	100
151–56–4	Ethyleneimine		1	500
152–16–9	Diphosphoramide, Octamethyl-		100	100
297–78–9	Isobenzan		100	100/10,000
297–97–2	Thionazin		100	500
298–00–0	Parathion-Methyl	b	100	100/10,000
298–02–2	Phorate		10	10

[CAS Number Order]

CAS No.	Chemical name	Notes	Reportable quantity * (pounds)	Threshold planning quantity (pounds)
298–04–4	Disulfoton		1	500
300–62–9	Amphetamine		1,000	1,000
302–01–2	Hydrazine		1	1,000
309–00–2	Aldrin		1	500/10,000
315–18–4	Mexacarbate		1,000	500/10,000
316–42–7	Emetine, Dihydrochloride	d	1	1/10,000
327–98–0	Trichloronate	e	500	500
353–42–4	Boron Trifluoride Compound With Methyl Ether (1:1)		1,000	1,000
359–06–8	Fluoroacetyl Chloride	b	10	10
371–62–0	Ethylene Fluorohydrin	b, d	10	10
379–79–3	Ergotamine Tartrate		500	500/10,000
465–73–6	Isodrin		1	100/10,000
470–90–6	Chlorfenvinfos		500	500
502–39–6	Methylmercuric Dicyanamide		500	500/10,000
504–24–5	Pyridine, 4-Amino-	d	1,000	500/10,000
505–60–2	Mustard Gas	d	500	500
506–61–6	Potassium Silver Cyanide	a	1	500
506–68–3	Cyanogen Bromide		1,000	500/10,000
506–78–5	Cyanogen Iodide		1,000	1,000/10,000
509–14–8	Tetranitromethane		10	500
514–73–8	Dithiazanine Iodide		500	500/10,000
534–07–6	Bis(Chloromethyl) Ketone		10	10/10,000
534–52–1	Dinitrocresol		10	10/10,000
535–89–7	Crimidine		100	100/10,000
538–07–8	Ethylbis(2-Chloroethyl)Amine	d	500	500
541–25–3	Lewisite	b, d	10	10
541–53–7	Dithiobiuret		100	100/10,000
542–76–7	Propionitrile, 3-Chloro-		1,000	1,000
542–88–1	Chloromethyl Ether	d	10	100
542–90–5	Ethylthiocyanate		10,000	10,000
555–77–1	Tris(2-Chloroethyl)Amine	d	100	100
556–61–6	Methyl Isothiocyanate	a	500	500
556–64–9	Methyl Thiocyanate		10,000	10,000
558–25–8	Methanesulfonyl Fluoride		1,000	1,000
563–12–2	Ethion		10	1,000
563–41–7	Semicarbazide Hydrochloride		1,000	1,000/10,000
584–84–9	Toluene 2,4-Diisocyanate		100	500
594–42–3	Perchloromethylmercaptan		100	500
597–64–8	Tetraethyltin	b	100	100
614–78–8	Thiourea, (2-Methylphenyl)-		500	500/10,000
624–83–9	Methyl Isocyanate		10	500
627–11–2	Chloroethyl Chloroformate		1,000	1,000
630–60–4	Ouabain	b	100	100/10,000
639–58–7	Triphenyltin Chloride		500	500/10,000
640–19–7	Fluoroacetamide		100	100/10,000
644–64–4	Dimetilan		1	500/10,000
675–14–9	Cyanuric Fluoride		100	100
676–97–1	Methyl Phosphonic Dichloride	a	100	100
696–28–6	Phenyl Dichloroarsine	d	1	500
760–93–0	Methacrylic Anhydride		500	500
786–19–6	Carbophenothion		500	500
814–49–3	Diethyl Chlorophosphate	d	500	500
814–68–6	Acrylyl Chloride	d	100	100
824–11–3	Trimethylolpropane Phosphite	d	100	100/10,000
900–95–8	Stannane, Acetoxytriphenyl-	c	500	500/10,000
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	100/10,000
950–10–7	Mephosfolan		500	500
950–37–8	Methidathion		500	500/10,000
991–42–4	Norbormide		100	100/10,000
998–30–1	Triethoxysilane		500	500
999–81–5	Chlormequat Chloride	d	100	100/10,000
1031–47–6	Triamiphos		500	500/10,000
1066–45–1	Trimethyltin Chloride		500	500/10,000
1122–60–7	Nitrocyclohexane		500	500
1124–33–0	Pyridine, 4-Nitro-,1-Oxide		500	500/10,000
1129–41–5	Metolcarb		1,000	100/10,000
1303–28–2	Arsenic Pentoxide		1	100/10,000
1306–19–0	Cadmium Oxide		100	100/10,000

[CAS Number Order]

CAS No.	Chemical name	Notes	Reportable quantity * (pounds)	Threshold planning quantity (pounds)
1314–62–1	Vanadium Pentoxide		1,000	100/10,000
1314–84–7	Zinc Phosphide	a	100	500
1327–53–3	Arsenous Oxide	d	1	100/10,000
1397–94–0	Antimycin A	b	1,000	1,000/10,000
1420–07–1	Dinoterb		500	500/10,000
1464–53–5	Diepoxybutane		10	500
1558–25–4	Trichloro(Chloromethyl)Silane		100	100
1563–66–2	Carbofuran		10	10/10,000
1600–27–7	Mercuric Acetate		500	500/10,000
1622–32–8	Ethanesulfonyl Chloride, 2-Chloro-		500	500
1752–30–3	Acetone Thiosemicarbazide		1,000	1,000/10,000
1910–42–5	Paraquat Dichloride		10	10/10,000
1982–47–4	Chloroxuron		500	500/10,000
2001–95–8	Valinomycin	b	1,000	1,000/10,000
2032–65–7	Methiocarb		10	500/10,000
2074–50–2	Paraquat Methosulfate		10	10/10,000
2097–19–0	Phenylsilatrane	d	100	100/10,000
2104–64–5	EPN		100	100/10,000
2223–93–0	Cadmium Stearate	b	1,000	1,000/10,000
2231–57–4	Thiocarbazide		1,000	1,000/10,000
2238–07–5	Diglycidyl Ether		1,000	1,000
2275–18–5	Prothoate		100	100/10,000
2497–07–6	Oxydisulfoton	d	500	500
2524–03–0	Dimethyl Phosphorochloridothioate		500	500
2540–82–1	Formothion		100	100
2570–26–5	Pentadecylamine		100	100/10,000
2587–90–8	Phosphorothioic Acid, O,O-Dimethyl-S-(2-Methylthio) Ethyl Ester.	b, c	500	500
2631–37–0	Promecarb	d	1,000	500/10,000
2636–26–2	Cyanophos		1,000	1,000
2642–71–9	Azinphos-Ethyl		100	100/10,000
2665–30–7	Phosphonothioic Acid, Methyl-, O-(4-Nitrophenyl) O-Phenyl Ester.		500	500
2703–13–1	Phosphonothioic Acid, Methyl-, O-Ethyl O-(4-(Methylthio)Phenyl) Ester.		500	500
2757–18–8	Thallous Malonate	b, d	100	100/10,000
2763–96–4	Muscimol		1,000	500/10,000
2778–04–3	Endothion		500	500/10,000
3037–72–7	Silane, (4-Aminobutyl)Diethoxymethyl-		1,000	1,000
3254–63–5	Phosphoric Acid, Dimethyl 4-(Methylthio)Phenyl Ester.		500	500
3569–57–1	Sulfoxide, 3-Chloropropyl Octyl		500	500
3615–21–2	Benzimidazole, 4,5-Dichloro-2-(Trifluoromethyl)-	c	500	500/10,000
3689–24–5	Sulfotep		100	500
3691–35–8	Chlorophacinone		100	100/10,000
3734–97–2	Amiton Oxalate		100	100/10,000
3735–23–7	Methyl Phenkapton		500	500
3878–19–1	Fuberidazole		100	100/10,000
4044–65–9	Bitoscanate		500	500/10,000
4098–71–9	Isophorone Diisocyanate	g	500	500
4104–14–7	Phosacetim		100	100/10,000
4170–30–3	Crotonaldehyde		100	1,000
4301–50–2	Fluenetil		100	100/10,000
4418–66–0	Phenol, 2,2′-Thiobis(4-Chloro-6-Methyl)-		100	100/10,000
4835–11–4	Hexamethylenediamine, N,N′-Dibutyl-		500	500
5344–82–1	Thiourea, (2-Chlorophenyl)-		100	100/10,000
5836–29–3	Coumatetralyl		500	500/10,000
6533–73–9	Thallous Carbonate	b, d	100	100/10,000
6923–22–4	Monocrotophos		10	10/10,000
7446–09–5	Sulfur Dioxide	f	500	500
7446–11–9	Sulfur Trioxide	a	100	100
7446–18–6	Thallous Sulfate		100	100/10,000
7487–94–7	Mercuric Chloride		500	500/10,000
7550–45–0	Titanium Tetrachloride		1,000	100
7580–67–8	Lithium Hydride	a	100	100
7631–89–2	Sodium Arsenate		1	1,000/10,000
7637–07–2	Boron Trifluoride		500	500
7647–01–0	Hydrogen Chloride (gas only)	f	5,000	500
7664–39–3	Hydrogen Fluoride		100	100
7664–41–7	Ammonia	f	100	500
7664–93–9	Sulfuric Acid		1,000	1,000

[CAS Number Order]

CAS No.	Chemical name	Notes	Reportable quantity * (pounds)	Threshold planning quantity (pounds)
7697–37–2	Nitric Acid		1,000	1,000
7719–12–2	Phosphorus Trichloride		1,000	1,000
7722–84–1	Hydrogen Peroxide (Conc >52%)	f	1,000	1,000
7723–14–0	Phosphorus	a, d	1	100
7726–95–6	Bromine	f	500	500
7778–44–1	Calcium Arsenate		1	500/10,000
7782–41–4	Fluorine	e	10	500
7782–50–5	Chlorine		10	100
7783–00–8	Selenious Acid		10	1,000/10,000
7783–06–4	Hydrogen Sulfide	f	100	500
7783–07–5	Hydrogen Selenide		10	10
7783–60–0	Sulfur Tetrafluoride		100	100
7783–70–2	Antimony Pentafluoride		500	500
7783–80–4	Tellurium Hexafluoride	e	100	100
7784–34–1	Arsenous Trichloride		1	500
7784–42–1	Arsine		100	100
7784–46–5	Sodium Arsenite		1	500/10,000
7786–34–7	Mevinphos		10	500
7791–12–0	Thallous Chloride	b, d	100	100/10,000
7791–23–3	Selenium Oxychloride		500	500
7803–51–2	Phosphine		100	500
8001–35–2	Camphechlor		1	500/10,000
8065–48–3	Demeton		500	500
10025–73–7	Chromic Chloride		1	1/10,000
10025–87–3	Phosphorus Oxychloride		1,000	500
10026–13–8	Phosphorus Pentachloride	a	500	500
10028–15–6	Ozone		100	100
10031–59–1	Thallium Sulfate	d	100	100/10,000
10102–18–8	Sodium Selenite	d	100	100/10,000
10102–20–2	Sodium Tellurite		500	500/10,000
10102–43–9	Nitric Oxide	b	10	100
10102–44–0	Nitrogen Dioxide		10	100
10124–50–2	Potassium Arsenite		1	500/10,000
10140–87–1	Ethanol, 1,2-Dichloro-, Acetate		1,000	1,000
10210–68–1	Cobalt Carbonyl	d	10	10/10,000
10265–92–6	Methamidophos		100	100/10,000
10294–34–5	Boron Trichloride		500	500
10311–84–9	Dialifor		100	100/10,000
10476–95–6	Methacrolein Diacetate		1,000	1,000
12002–03–8	Paris Green		1	500/10,000
12108–13–3	Manganese, Tricarbonyl Methylcyclopentadienyl	d	100	100
13071–79–9	Terbufosh	d	100	100
13171–21–6	Phosphamidon		100	100
13194–48–4	Ethoprophos		1,000	1,000
13410–01–0	Sodium Selenate		100	100/10,000
13450–90–3	Gallium Trichloride		500	500/10,000
13463–39–3	Nickel Carbonyl		10	1
13463–40–6	Iron, Pentacarbonyl-		100	100
14167–18–1	Salcomine		500	500/10,000
15271–41–7	Bicyclo[2.2.1]Heptane-2-Carbonitrile, 5-Chloro-6-((((Methylamino)Carbonyl)Oxy)Imino)-, (1s-(1-alpha,2-beta,4-alpha,5-alpha,6E))-.		500	500/10,000
16752–77–5	Methomyl	d	100	500/10,000
17702–41–9	Decaborane(14)		500	500/10,000
17702–57–7	Formparanate		100	100/10,000
19287–45–7	Diborane		100	100
19624–22–7	Pentaborane		500	500
20830–75–5	Digoxin	d	10	10/10,000
20859–73–8	Aluminum Phosphide	a	100	500
21548–32–3	Fosthietan		500	500
21609–90–5	Leptophos		500	500/10,000
21908–53–2	Mercuric Oxide		500	500/10,000
21923–23–9	Chlorthiophos	d	500	500
22224–92–6	Fenamiphos		10	10/10,000
23135–22–0	Oxamyl		100	100/10,000
23422–53–9	Formetanate Hydrochloride	d	100	500/10,000
23505–41–1	Pirimifos-Ethyl		1,000	1,000
24017–47–8	Triazofos		500	500
24934–91–6	Chlormephos		500	500
26419–73–8	Carbamic Acid, Methyl-, O-(((2,4-Dimethyl-1, 3-Dithiolan-2-yl)Methylene)Amino)-.		100	100/10,000

[CAS Number Order]

CAS No.	Chemical name	Notes	Reportable quantity * (pounds)	Threshold planning quantity (pounds)
26628–22–8	Sodium Azide ($Na(N_3)$)	a	1,000	500
27137–85–5	Trichloro(Dichlorophenyl)Silane		500	500
28347–13–9	Xylylene Dichloride		100	100/10,000
28772–56–7	Bromadiolone		100	100/10,000
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	d	100	100/10,000
58270–08–9	Zinc, Dichloro(4,4-Dimethyl-5((((Methylamino) Carbonyl)Oxy)Imino)Pentanenitrile)-, (T–4)-.		100	100/10,000
62207–76–5	Cobalt, ((2,2′-(1,2-Ethanediylbis (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 355.61.

Notes:

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

b. The calculated TPQ changed after technical review as described in a technical support document for the final rule, April 22, 1987.

c. Chemicals added by final rule, April 22, 1987.

d. Revised TPQ based on new or re-evaluated toxicity data, April 22, 1987.

e. The TPQ was revised due to calculation error, April 22, 1987.

f. Chemicals on the original list that do not meet toxicity criteria but because of their acute lethality, high production volume and known risk are considered chemicals of concern (''Other chemicals''). (November 17, 1986, and February 15, 1990.)

g. The TPQ was recalculated (September 8, 2003) since it was mistakenly calculated in the April 22, 1987, final rule under the wrong assumption that this chemical is a reactive solid, when in fact it is a liquid. RQ for this chemical was adjusted on September 11, 2006.

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

Subpart A—General Information

Sec.

Subpart B—Who Must Comply

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