

## § 68.125

limited to, identification of the database(s) searched, the search strategy, dates covered, and printed results;

(iii) Effects data (animal, human, and environmental test data) indicating the potential for death, injury, or serious adverse human and environmental impacts from acute exposure following an accidental release; printed copies of the data sources, in English, should be provided; and

(iv) Exposure data or previous accident history data, indicating the potential for serious adverse human health or environmental effects from an accidental release. These data may include, but are not limited to, physical and chemical properties of the substance, such as vapor pressure; modeling results, including data and assumptions used and model documentation; and historical accident data, citing data sources.

(h) Within 18 months of receipt of a petition, the Administrator shall publish in the FEDERAL REGISTER a notice either denying the petition or granting the petition and proposing a listing.

## § 68.125 Exemptions.

*Agricultural nutrients.* Ammonia used as an agricultural nutrient, when held by farmers, is exempt from all provisions of this part.

## § 68.126 Exclusion.

*Flammable Substances Used as Fuel or Held for Sale as Fuel at Retail Facilities.* A flammable substance listed in Tables 3 and 4 of § 68.130 is nevertheless excluded from all provisions of this part when the substance is used as a fuel or held for sale as a fuel at a retail facility.

[65 FR 13250, Mar. 13, 2000]

## § 68.130 List of substances.

(a) Regulated toxic and flammable substances under section 112(r) of the Clean Air Act are the substances listed in Tables 1, 2, 3, and 4. Threshold quantities for listed toxic and flammable substances are specified in the tables.

(b) The basis for placing toxic and flammable substances on the list of regulated substances are explained in the notes to the list.

## 40 CFR Ch. I (7–1–23 Edition)

TABLE 1 TO § 68.130—LIST OF REGULATED TOXIC SUBSTANCES AND THRESHOLD QUANTITIES FOR ACCIDENTAL RELEASE PREVENTION  
[Alphabetical Order—77 Substances]

Chemical name	CAS No.	Threshold quantity (lbs)	Basis for listing
Acrolein [2-Propenal].	107–02–8	5,000	b
Acrylonitrile [2-Propenenitrile].	107–13–1	20,000	b
Acrylyl chloride [2-Propenoyl chloride].	814–68–6	5,000	b
Allyl alcohol [2-Propen-1-ol].	107–18–6	15,000	b
Allylamine [2-Propen-1-amine].	107–11–9	10,000	b
Ammonia (anhydrous).	7664–41–7	10,000	a, b
Ammonia (conc 20% or greater).	7664–41–7	20,000	a, b
Arsenous trichloride.	7784–34–1	15,000	b
Arsine .....	7784–42–1	1,000	b
Boron trichloride [Borane, trichloro-].	10294–34–5	5,000	b
Boron trifluoride [Borane, trifluoro-].	7637–07–2	5,000	b
Boron trifluoride compound with methyl ether (1:1) [Boron, trifluoro [oxybis [metane]]-, T-4-.	353–42–4	15,000	b
Bromine .....	7726–95–6	10,000	a, b
Carbon disulfide	75–15–0	20,000	b
Chlorine .....	7782–50–5	2,500	a, b
Chlorine dioxide [Chlorine oxide (ClO <sub>2</sub> )].	10049–04–4	1,000	c
Chloroform [Methane, trichloro-].	67–66–3	20,000	b
Chloromethyl ether [Methane, oxybis[chloro-].	542–88–1	1,000	b
Chloromethyl methyl ether [Methane, chloromethoxy-].	107–30–2	5,000	b
Crotonaldehyde [2-Butenal].	4170–30–3	20,000	b
Crotonaldehyde, (E)- [2-Butenal, (E)-].	123–73–9	20,000	b
Cyanogen chloride.	506–77–4	10,000	c
Cyclohexylamine [Cyclohexanamine].	108–91–8	15,000	b
Diborane .....	19287–45–7	2,500	b
Dimethyldichlorosilane [Silane, dichlorodimethyl-].	75–78–5	5,000	b

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TABLE 1 TO § 68.130—LIST OF REGULATED TOXIC SUBSTANCES AND THRESHOLD QUANTITIES FOR ACCIDENTAL RELEASE PREVENTION—Continued

[Alphabetical Order—77 Substances]

Chemical name	CAS No.	Threshold quantity (lbs)	Basis for listing
1,1-Dimethylhydrazine [Hydrazine, 1,1-dimethyl-].	57-14-7	15,000	b
Epichlorohydrin [Oxirane, (chloromethyl)-].	106-89-8	20,000	b
Ethylenediamine [1,2-Ethanediamine].	107-15-3	20,000	b
Ethyleneimine [Aziridine].	151-56-4	10,000	b
Ethylene oxide [Oxirane].	75-21-8	10,000	a, b
Fluorine .....	7782-41-4	1,000	b
Formaldehyde (solution).	50-00-0	15,000	b
Furan .....	110-00-9	5,000	b
Hydrazine .....	302-01-2	15,000	b
Hydrochloric acid (conc 37% or greater).	7647-01-0	15,000	d
Hydrocyanic acid	74-90-8	2,500	a, b
Hydrogen chloride (anhydrous) [Hydrochloric acid].	7647-01-0	5,000	a
Hydrogen fluoride/Hydrofluoric acid (conc 50% or greater) [Hydrofluoric acid].	7664-39-3	1,000	a, b
Hydrogen selenide.	7783-07-5	500	b
Hydrogen sulfide	7783-06-4	10,000	a, b
Iron, pentacarbonyl- [Iron carbonyl (Fe(CO) <sub>5</sub> ), (TB-5-11)-].	13463-40-6	2,500	b
Isobutyronitrile [Propanenitrile, 2-methyl-].	78-82-0	20,000	b
Isopropyl chloroformate [Carbonochloridic acid, 1-methylethyl ester].	108-23-6	15,000	b
Methacrylonitrile [2-Propenenitrile, 2-methyl-].	126-98-7	10,000	b
Methyl chloride [Methane, chloro-].	74-87-3	10,000	a
Methyl chloroformate [Carbonochloridic acid, methylester].	79-22-1	5,000	b

TABLE 1 TO § 68.130—LIST OF REGULATED TOXIC SUBSTANCES AND THRESHOLD QUANTITIES FOR ACCIDENTAL RELEASE PREVENTION—Continued

[Alphabetical Order—77 Substances]

Chemical name	CAS No.	Threshold quantity (lbs)	Basis for listing
Methyl hydrazine [Hydrazine, methyl-].	60-34-4	15,000	b
Methyl isocyanate [Methane, isocyanato-].	624-83-9	10,000	a, b
Methyl mercaptan [Methanethiol].	74-93-1	10,000	b
Methyl thiocyanate [Thiocyanic acid, methyl ester].	556-64-9	20,000	b
Methyltrichlorosilane [Silane, trichloromethyl-].	75-79-6	5,000	b
Nickel carbonyl ...	13463-39-3	1,000	b
Nitric acid (conc 80% or greater).	7697-37-2	15,000	b
Nitric oxide [Nitrogen oxide (NO)].	10102-43-9	10,000	b
Oleum (Fuming Sulfuric acid) [Sulfuric acid, mixture with sulfur trioxide] <sup>1</sup> .	8014-95-7	10,000	e
Peracetic acid [Ethaneperoxoic acid].	79-21-0	10,000	b
Perchloromethylmercaptan [Methanesulfenyl chloride, trichloro-].	594-42-3	10,000	b
Phosgene [Carbonic dichloride].	75-44-5	500	a, b
Phosphine .....	7803-51-2	5,000	b
Phosphorus oxychloride [Phosphoryl chloride].	10025-87-3	5,000	b
Phosphorus trichloride [Phosphorous trichloride].	7719-12-2	15,000	b
Piperidine .....	110-89-4	15,000	b
Propionitrile [Propanenitrile].	107-12-0	10,000	b
Propyl chloroformate [Carbonochloridic acid, propylester].	109-61-5	15,000	b
Propyleneimine [Aziridine, 2-methyl-].	75-55-8	10,000	b
Propylene oxide [Oxirane, methyl-].	75-56-9	10,000	b
Sulfur dioxide (anhydrous).	7446-09-5	5,000	a, b

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TABLE 1 TO § 68.130—LIST OF REGULATED TOXIC SUBSTANCES AND THRESHOLD QUANTITIES FOR ACCIDENTAL RELEASE PREVENTION—Continued

[Alphabetical Order—77 Substances]

Chemical name	CAS No.	Threshold quantity (lbs)	Basis for listing
Sulfur tetrafluoride [Sulfur fluoride (SF <sub>4</sub> ), (T-4)-].	7783–60–0	2,500	b
Sulfur trioxide .....	7446–11–9	10,000	a, b
Tetramethyllead [Plumbane, tetramethyl-].	75–74–1	10,000	b
Tetranitromethane [Methane, tetranitro-].	509–14–8	10,000	b
Titanium tetrachloride [Titanium chloride (TiCl <sub>4</sub> ) (T-4)-].	7550–45–0	2,500	b
Toluene 2,4-diisocyanate [Benzene, 2,4-diisocyanato-1-methyl-] <sup>1</sup> .	584–84–9	10,000	a
Toluene 2,6-diisocyanate [Benzene, 1,3-diisocyanato-2-methyl-] <sup>1</sup> .	91–08–7	10,000	a

TABLE 1 TO § 68.130—LIST OF REGULATED TOXIC SUBSTANCES AND THRESHOLD QUANTITIES FOR ACCIDENTAL RELEASE PREVENTION—Continued

[Alphabetical Order—77 Substances]

Chemical name	CAS No.	Threshold quantity (lbs)	Basis for listing
Toluene diisocyanate (unspecified isomer) [Benzene, 1,3-diisocyanatomethyl-] <sup>1</sup> .	26471–62–5	10,000	a
Trimethylchlorosilane [Silane, chlorotrimethyl-].	75–77–4	10,000	b
Vinyl acetate monomer [Acetic acid ethenyl ester].	108–05–4	15,000	b

<sup>1</sup> The mixture exemption in § 68.115(b)(1) does not apply to the substance.

NOTE: Basis for Listing:  
a Mandated for listing by Congress.  
b On EHS list, vapor pressure 10 mmHg or greater.  
c Toxic gas.  
d Toxicity of hydrogen chloride, potential to release hydrogen chloride, and history of accidents.  
e Toxicity of sulfur trioxide and sulfuric acid, potential to release sulfur trioxide, and history of accidents.

TABLE 2 TO § 68.130—LIST OF REGULATED TOXIC SUBSTANCES AND THRESHOLD QUANTITIES FOR ACCIDENTAL RELEASE PREVENTION

[CAS Number Order—77 Substances]

CAS No.	Chemical name	Threshold quantity (lbs)	Basis for listing
50–00–0	Formaldehyde (solution) .....	15,000	b
57–14–7	1,1-Dimethylhydrazine [Hydrazine, 1,1-dimethyl-] .....	15,000	b
60–34–4	Methyl hydrazine [Hydrazine, methyl-] .....	15,000	b
67–66–3	Chloroform [Methane, trichloro-] .....	20,000	b
74–87–3	Methyl chloride [Methane, chloro-] .....	10,000	a
74–90–8	Hydrocyanic acid .....	2,500	a, b
74–93–1	Methyl mercaptan [Methanethiol] .....	10,000	b
75–15–0	Carbon disulfide .....	20,000	b
75–21–8	Ethylene oxide [Oxirane] .....	10,000	a, b
75–44–5	Phosgene [Carbonic dichloride] .....	500	a, b
75–55–8	Propyleneimine [Aziridine, 2-methyl-] .....	10,000	b
75–56–9	Propylene oxide [Oxirane, methyl-] .....	10,000	b
75–74–1	Tetramethyllead [Plumbane, tetramethyl-] .....	10,000	b
75–77–4	Trimethylchlorosilane [Silane, chlorotrimethyl-] .....	10,000	b
75–78–5	Dimethyldichlorosilane [Silane, dichlorodimethyl-] .....	5,000	b
75–79–6	Methyltrichlorosilane [Silane, trichloromethyl-] .....	5,000	b
78–82–0	Isobutyronitrile [Propanenitrile, 2-methyl-] .....	20,000	b
79–21–0	Peracetic acid [Ethaneperoxoic acid] .....	10,000	b
79–22–1	Methyl chloroformate [Carbonochloridic acid, methylester] .....	5,000	b
91–08–7	Toluene 2,6-diisocyanate [Benzene, 1,3-diisocyanato-2-methyl-] <sup>1</sup> .....	10,000	a
106–89–8	Epichlorohydrin [Oxirane, (chloromethyl)-] .....	20,000	b
107–02–8	Acrolein [2-Propenal] .....	5,000	b
107–11–9	Allylamine [2-Propen-1-amine] .....	10,000	b
107–12–0	Propionitrile [Propanenitrile] .....	10,000	b
107–13–1	Acrylonitrile [2-Propenenitrile] .....	20,000	b
107–15–3	Ethylenediamine [1,2-Ethanediamine] .....	20,000	b
107–18–6	Allyl alcohol [2-Propen-1-ol] .....	15,000	b
107–30–2	Chloromethyl methyl ether [Methane, chloromethoxy-] .....	5,000	b
108–05–4	Vinyl acetate monomer [Acetic acid ethenyl ester] .....	15,000	b
108–23–6	Isopropyl chloroformate [Carbonochloridic acid, 1-methylethyl ester] .....	15,000	b

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TABLE 2 TO § 68.130—LIST OF REGULATED TOXIC SUBSTANCES AND THRESHOLD QUANTITIES FOR  
ACCIDENTAL RELEASE PREVENTION—Continued  
[CAS Number Order—77 Substances]

CAS No.	Chemical name	Threshold quantity (lbs)	Basis for listing
108–91–8	Cyclohexylamine [Cyclohexanamine] .....	15,000	b
109–61–5	Propyl chloroformate [Carbonochloridic acid, propylester] .....	15,000	b
110–00–9	Furan .....	5,000	b
110–89–4	Piperidine .....	15,000	b
123–73–9	Crotonaldehyde, (E)- [2-Butenal, (E)-] .....	20,000	b
126–98–7	Methacrylonitrile [2-Propenenitrile, 2-methyl-] .....	10,000	b
151–56–4	Ethyleneimine [Aziridine] .....	10,000	b
302–01–2	Hydrazine .....	15,000	b
353–42–4	Boron trifluoride compound with methyl ether (1:1) [Boron, trifluoro[oxymethyl]ether], T-4 ..	15,000	b
506–77–4	Cyanogen chloride .....	10,000	c
509–14–8	Tetranitromethane [Methane, tetranitro-] .....	10,000	b
542–88–1	Chloromethyl ether [Methane, oxybis(chloro-)] .....	1,000	b
556–64–9	Methyl thiocyanate [Thiocyanic acid, methyl ester] .....	20,000	b
584–84–9	Toluene 2,4-diisocyanate [Benzene, 2,4-diisocyanato-1-methyl-] <sup>1</sup> .....	10,000	a
594–42–3	Perchloromethylmercaptan [Methanesulfonyl chloride, trichloro-] .....	10,000	b
624–83–9	Methyl isocyanate [Methane, isocyanato-] .....	10,000	a, b
814–68–6	Acrylyl chloride [2-Propenoyl chloride] .....	5,000	b
4170–30–3	Crotonaldehyde [2-Butenal] .....	20,000	b
7446–09–5	Sulfur dioxide (anhydrous) .....	5,000	a, b
7446–11–9	Sulfur trioxide .....	10,000	a, b
7550–45–0	Titanium tetrachloride [Titanium chloride (TiCl <sub>4</sub> ) (T-4)-] .....	2,500	b
7637–07–2	Boron trifluoride [Borane, trifluoro-] .....	5,000	b
7647–01–0	Hydrochloric acid (conc 37% or greater) .....	15,000	d
7647–01–0	Hydrogen chloride (anhydrous) [Hydrochloric acid] .....	5,000	a
7664–39–3	Hydrogen fluoride/Hydrofluoric acid (conc 50% or greater) [Hydrofluoric acid] .....	1,000	a, b
7664–41–7	Ammonia (anhydrous) .....	10,000	a, b
7664–41–7	Ammonia (conc 20% or greater) .....	20,000	a, b
7697–37–2	Nitric acid (conc 80% or greater) .....	15,000	b
7719–12–2	Phosphorus trichloride [Phosphorous trichloride] .....	15,000	b
7726–95–6	Bromine .....	10,000	a, b
7782–41–4	Fluorine .....	1,000	b
7782–50–5	Chlorine .....	2,500	a, b
7783–06–4	Hydrogen sulfide .....	10,000	a, b
7783–07–5	Hydrogen selenide .....	500	b
7783–60–0	Sulfur tetrafluoride [Sulfur fluoride (SF <sub>4</sub> ), (T-4)-] .....	2,500	b
7784–34–1	Arsenous trichloride .....	15,000	b
7784–42–1	Arsine .....	1,000	b
7803–51–2	Phosphine .....	5,000	b
8014–95–7	Oleum (Fuming Sulfuric acid) [Sulfuric acid, mixture with sulfur trioxide] <sup>1</sup> .....	10,000	e
10025–87–3	Phosphorus oxychloride [Phosphoryl chloride] .....	5,000	b
10049–04–4	Chlorine dioxide [Chlorine oxide (ClO <sub>2</sub> )] .....	1,000	c
10102–43–9	Nitric oxide [Nitrogen oxide (NO)] .....	10,000	b
10294–34–5	Boron trichloride [Borane, trichloro-] .....	5,000	b
13463–39–3	Nickel carbonyl .....	1,000	b
13463–40–6	Iron, pentacarbonyl- [Iron carbonyl (Fe(CO) <sub>5</sub> ), (TB-5-11)-] .....	2,500	b
19287–45–7	Diborane .....	2,500	b
26471–62–5	Toluene diisocyanate (unspecified isomer) [Benzene, 1,3-diisocyanatomethyl-] <sup>1</sup> .....	10,000	a

<sup>1</sup> The mixture exemption in § 68.115(b)(1) does not apply to the substance.

NOTE: Basis for Listing:

a Mandated for listing by Congress.

b On EHS list, vapor pressure 10 mmHg or greater.

c Toxic gas.

d Toxicity of hydrogen chloride, potential to release hydrogen chloride, and history of accidents.

e Toxicity of sulfur trioxide and sulfuric acid, potential to release sulfur trioxide, and history of accidents.

TABLE 3 TO § 68.130—LIST OF REGULATED FLAMMABLE SUBSTANCES <sup>1</sup> AND THRESHOLD QUANTITIES  
FOR ACCIDENTAL RELEASE PREVENTION  
[Alphabetical Order—63 Substances]

Chemical name	CAS No.	Threshold quantity (lbs)	Basis for listing
Acetaldehyde .....	75–07–0	10,000	g
Acetylene [Ethyne] .....	74–86–2	10,000	f
Bromotrifluoroethylene [Ethene, bromotrifluoro-] .....	598–73–2	10,000	f

TABLE 3 TO § 68.130—LIST OF REGULATED FLAMMABLE SUBSTANCES <sup>1</sup> AND THRESHOLD QUANTITIES FOR ACCIDENTAL RELEASE PREVENTION—Continued  
[Alphabetical Order—63 Substances]

Chemical name	CAS No.	Threshold quantity (lbs)	Basis for listing
1,3-Butadiene	106–99–0	10,000	f
Butane	106–97–8	10,000	f
1-Butene	106–98–9	10,000	f
2-Butene	107–01–7	10,000	f
Butene	25167–67–3	10,000	f
2-Butene-cis	590–18–1	10,000	f
2-Butene-trans [2-Butene, (E)]	624–64–6	10,000	f
Carbon oxy sulfide [Carbon oxide sulfide (COS)]	463–58–1	10,000	f
Chlorine monoxide [Chlorine oxide]	7791–21–1	10,000	f
2-Chloropropylene [1-Propene, 2-chloro-]	557–98–2	10,000	g
1-Chloropropylene [1-Propene, 1-chloro-]	590–21–6	10,000	g
Cyanogen [Ethanedinitrile]	460–19–5	10,000	f
Cyclopropane	75–19–4	10,000	f
Dichlorosilane [Silane, dichloro-]	4109–96–0	10,000	f
Difluoroethane [Ethane, 1,1-difluoro-]	75–37–6	10,000	f
Dimethylamine [Methanamine, N-methyl-]	124–40–3	10,000	f
2,2-Dimethylpropane [Propane, 2,2-dimethyl-]	463–82–1	10,000	f
Ethane	74–84–0	10,000	f
Ethyl acetylene [1-Butyne]	107–00–6	10,000	f
Ethylamine [Ethanamine]	75–04–7	10,000	f
Ethyl chloride [Ethane, chloro-]	75–00–3	10,000	f
Ethylene [Ethene]	74–85–1	10,000	f
Ethyl ether [Ethane, 1,1'-oxybis-]	60–29–7	10,000	g
Ethyl mercaptan [Ethanethiol]	75–08–1	10,000	g
Ethyl nitrite [Nitrous acid, ethyl ester]	109–95–5	10,000	f
Hydrogen	1333–74–0	10,000	f
Isobutane [Propane, 2-methyl]	75–28–5	10,000	f
Isopentane [Butane, 2-methyl-]	78–78–4	10,000	g
Isoprene [1,3-Butadiene, 2-methyl-]	78–79–5	10,000	g
Isopropylamine [2-Propanamine]	75–31–0	10,000	g
Isopropyl chloride [Propane, 2-chloro-]	75–29–6	10,000	g
Methane	74–82–8	10,000	f
Methylamine [Methanamine]	74–89–5	10,000	f
3-Methyl-1-butene	563–45–1	10,000	f
2-Methyl-1-butene	563–46–2	10,000	g
Methyl ether [Methane, oxybis-]	115–10–6	10,000	f
Methyl formate [Formic acid, methyl ester]	107–31–3	10,000	g
2-Methylpropene [1-Propene, 2-methyl-]	115–11–7	10,000	f
1,3-Pentadiene	504–60–9	10,000	f
Pentane	109–66–0	10,000	g
1-Pentene	109–67–1	10,000	g
2-Pentene, (E)-	646–04–8	10,000	g
2-Pentene, (Z)-	627–20–3	10,000	g
Propadiene [1,2-Propadiene]	463–49–0	10,000	f
Propane	74–98–6	10,000	f
Propylene [1-Propene]	115–07–1	10,000	g
Propyne [1-Propyne]	74–99–7	10,000	f
Silane	7803–62–5	10,000	f
Tetrafluoroethylene [Ethene, tetrafluoro-]	116–14–3	10,000	f
Tetramethylsilane [Silane, tetramethyl-]	75–76–3	10,000	g
Trichlorosilane [Silane, trichloro-]	10025–78–2	10,000	g
Trifluorochloroethylene [Ethene, chlorotrifluoro-]	79–38–9	10,000	f
Trimethylamine [Methanamine, N,N-dimethyl-]	75–50–3	10,000	f
Vinyl acetylene [1-Buten-3-yne]	689–97–4	10,000	f
Vinyl chloride [Ethene, chloro-]	75–01–4	10,000	a, f
Vinyl ethyl ether [Ethene, ethoxy-]	109–92–2	10,000	g
Vinyl fluoride [Ethene, fluoro-]	75–02–5	10,000	f
Vinylidene chloride [Ethene, 1,1-dichloro-]	75–35–4	10,000	g
Vinylidene fluoride [Ethene, 1,1-difluoro-]	75–38–7	10,000	f
Vinyl methyl ether [Ethene, methoxy-]	107–25–5	10,000	f

<sup>1</sup> A flammable substance when used as a fuel or held for sale as a fuel at a retail facility is excluded from all provisions of this part (see § 68.126).

NOTE: Basis for Listing:

<sup>a</sup> Mandated for listing by Congress.

<sup>f</sup> Flammable gas.

<sup>g</sup> Volatile flammable liquid.

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TABLE 4 TO § 68.130—LIST OF REGULATED FLAMMABLE SUBSTANCES <sup>1</sup> AND THRESHOLD QUANTITIES FOR ACCIDENTAL RELEASE PREVENTION

[CAS Number Order—63 Substances]

CAS No.	Chemical name	Threshold quantity (lbs)	Basis for listing
60-29-7	Ethyl ether [Ethane, 1,1'-oxybis-] .....	10,000	g
74-82-8	Methane .....	10,000	f
74-84-0	Ethane .....	10,000	f
74-85-1	Ethylene [Ethene] .....	10,000	f
74-86-2	Acetylene [Ethyne] .....	10,000	f
74-89-5	Methylamine [Methanamine] .....	10,000	f
74-98-6	Propane .....	10,000	f
74-99-7	Propyne [1-Propyne] .....	10,000	f
75-00-3	Ethyl chloride [Ethane, chloro-] .....	10,000	f
75-01-4	Vinyl chloride [Ethene, chloro-] .....	10,000	a, f
75-02-5	Vinyl fluoride [Ethene, fluoro-] .....	10,000	f
75-04-7	Ethylamine [Ethanamine] .....	10,000	f
75-07-0	Acetaldehyde .....	10,000	g
75-08-1	Ethyl mercaptan [Ethanethiol] .....	10,000	g
75-19-4	Cyclopropane .....	10,000	f
75-28-5	Isobutane [Propane, 2-methyl] .....	10,000	f
75-29-6	Isopropyl chloride [Propane, 2-chloro-] .....	10,000	g
75-31-0	Isopropylamine [2-Propanamine] .....	10,000	g
75-35-4	Vinylidene chloride [Ethene, 1,1-dichloro-] .....	10,000	g
75-37-6	Difluoroethane [Ethane, 1,1-difluoro-] .....	10,000	f
75-38-7	Vinylidene fluoride [Ethene, 1,1-difluoro-] .....	10,000	f
75-50-3	Trimethylamine [Methanamine, N, N-dimethyl-] .....	10,000	f
75-76-3	Tetramethylsilane [Silane, tetramethyl-] .....	10,000	g
78-78-4	Isopentane [Butane, 2-methyl-] .....	10,000	g
78-79-5	Isoprene [1,3-Butadiene, 2-methyl-] .....	10,000	g
79-38-9	Trifluorochloroethylene [Ethene, chlorotrifluoro-] .....	10,000	f
106-97-8	Butane .....	10,000	f
106-98-9	1-Butene .....	10,000	f
106-99-0	1,3-Butadiene .....	10,000	f
107-00-6	Ethyl acetylene [1-Butyne] .....	10,000	f
107-01-7	2-Butene .....	10,000	f
107-25-5	Vinyl methyl ether [Ethene, methoxy-] .....	10,000	f
107-31-3	Methyl formate [Formic acid, methyl ester] .....	10,000	g
109-66-0	Pentane .....	10,000	g
109-67-1	1-Pentene .....	10,000	g
109-92-2	Vinyl ethyl ether [Ethene, ethoxy-] .....	10,000	g
109-95-5	Ethyl nitrite [Nitrous acid, ethyl ester] .....	10,000	f
115-07-1	Propylene [1-Propene] .....	10,000	f
115-10-6	Methyl ether [Methane, oxybis-] .....	10,000	f
115-11-7	2-Methylpropene [1-Propene, 2-methyl-] .....	10,000	f
116-14-3	Tetrafluoroethylene [Ethene, tetrafluoro-] .....	10,000	f
124-40-3	Dimethylamine [Methanamine, N-methyl-] .....	10,000	f
460-19-5	Cyanogen [Ethanedinitrile] .....	10,000	f
463-49-0	Propadiene [1,2-Propadiene] .....	10,000	f
463-58-1	Carbon oxysulfide [Carbon oxide sulfide (COS)] .....	10,000	f
463-82-1	2,2-Dimethylpropane [Propane, 2,2-dimethyl-] .....	10,000	f

TABLE 4 TO § 68.130—LIST OF REGULATED FLAMMABLE SUBSTANCES <sup>1</sup> AND THRESHOLD QUANTITIES FOR ACCIDENTAL RELEASE PREVENTION—Continued

[CAS Number Order—63 Substances]

CAS No.	Chemical name	Threshold quantity (lbs)	Basis for listing
504–60–9 .....	1,3-Pentadiene .....	10,000	f
557–98–2 .....	2-Chloropropylene [1-Propene, 2-chloro-] .....	10,000	g
563–45–1 .....	3-Methyl-1-butene .....	10,000	f
563–46–2 .....	2-Methyl-1-butene .....	10,000	g
590–18–1 .....	2-Butene-cis .....	10,000	f
590–21–6 .....	1-Chloropropylene [1-Propene, 1-chloro-] .....	10,000	g
598–73–2 .....	Bromotrifluoroethylene [Ethene, bromotrifluoro-] .....	10,000	f
624–64–6 .....	2-Butene-trans [2-Butene, (E)] .....	10,000	f
627–20–3 .....	2-Pentene, (Z)- .....	10,000	g
646–04–8 .....	2-Pentene, (E)- .....	10,000	g
689–97–4 .....	Vinyl acetylene [1-Buten-3-yne] .....	10,000	f
1333–74–0 .....	Hydrogen .....	10,000	f
4109–96–0 .....	Dichlorosilane [Silane, dichloro-] .....	10,000	f
7791–21–1 .....	Chlorine monoxide [Chlorine oxide] .....	10,000	f
7803–62–5 .....	Silane .....	10,000	f
10025–78–2 .....	Trichlorosilane [Silane, trichloro-] .....	10,000	g
25167–67–3 .....	Butene .....	10,000	f

<sup>1</sup> A flammable substance when used as a fuel or held for sale as a fuel at a retail facility is excluded from all provisions of this part (see § 68.126).

**Note:** Basis for Listing:

<sup>a</sup> Mandated for listing by Congress.

<sup>f</sup> Flammable gas.

<sup>g</sup> Volatile flammable liquid.

[59 FR 4493, Jan. 31, 1994. Redesignated at 61 FR 31717, June 20, 1996, as amended at 62 FR 45132, Aug. 25, 1997; 63 FR 645, Jan. 6, 1998; 65 FR 13250, Mar. 13, 2000; 82 FR 4702, Jan. 13, 2017]

## Subpart G—Risk Management Plan

SOURCE: 61 FR 31726, June 20, 1996, unless otherwise noted.

### § 68.150 Submission.

(a) The owner or operator shall submit a single RMP that includes the information required by §§ 68.155 through 68.185 for all covered processes. The RMP shall be submitted in the method and format to the central point specified by EPA as of the date of submission.

(b) The owner or operator shall submit the first RMP no later than the latest of the following dates:

(1) June 21, 1999;

(2) Three years after the date on which a regulated substance is first listed under § 68.130; or

(3) The date on which a regulated substance is first present above a threshold quantity in a process.

(c) The owner or operator of any stationary source for which an RMP was submitted before June 21, 2004, shall revise the RMP to include the information required by § 68.160(b)(6) and (14) by June 21, 2004 in the manner specified by EPA prior to that date. Any such submission shall also include the information required by § 68.160(b)(20) (indicating that the submission is a correction to include the information required by § 68.160(b)(6) and (14) or an update under § 68.190).

(d) RMPs submitted under this section shall be updated and corrected in accordance with §§ 68.190 and 68.195.

(e) Notwithstanding the provisions of §§ 68.155 to 68.190, the RMP shall exclude classified information. Subject to appropriate procedures to protect such