

MISSISSIPPI EMERGENCY RESPONSE COMMISSION

August 26, 1987

EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW

MERC - 1

- I. **Authorities:** Title III of the Superfund Amendments and Reauthorization Act of 1986 (42 U.S.C. 11001, et seq.), Section 33-15-11, Mississippi Code of 1972, and Executive Order 573.
- II. **Regulatory Intent:** It is the intent of these regulations to apply the federal law and regulations for the implementation of comprehensive state and local response planning and Community Right to Know in Mississippi. The process is designed to protect the public and the environment from an accidental release of an extremely hazardous substance, and to increase the public awareness. Where there are omissions, ambiguities or differences from the federal laws and regulations, the federal law and regulations shall govern.
- III. **Definitions:**
 - "Act" means the Superfund Amendments and Reauthorization Act of 1986.
 - "CERCLA" means the Comprehensive Emergency Response, Compensation and Liability Act of 1980, as amended.
 - "CERCLA Hazardous Substance" means a substance as defined in the list in Section 101 (14) of CERCLA (40 CFR 302.4)
 - "Environment" includes water, air and land, and the interrelationship that exists among and between water, air and land, and all living things.
 - "Commission" means the Mississippi Emergency Response Commission or "MERC" (the Mississippi Emergency Management Agency) as designated by Executive Order 573.
 - "Committee" means the local emergency planning committee.
 - "Emergency Planning District" means the counties of Mississippi designated as "districts" in accordance with the Act and this rule.
 - "Extremely Hazardous Substance" means the substances listed in Appendix A and in 40 CFR 355 (FR 52, 13376, April 22, 1987).

"Facility" means all buildings, equipment, structures, and other stationary items which are located on a single site or on contiguous or adjacent sites and which are owned or operated by the same person (or by any person which controls, is controlled by, or under common control with, such person). For purposes of emergency release notification, the term includes motor vehicles, rolling stock, and aircraft.

"Hazardous Chemical" means any hazardous chemical as defined by 29 CFR 1910.1200 (c), except that it does not include the following substances:

- (1) Any food, food additives, color additives or cosmetic regulated by the Food and Drug Administration.
- (2) Any substance present as a solid in any manufactured item to the extent exposure does not occur under normal conditions of use.
- (3) Any substance to the extent it is used for personal, family or household purposes, or is present in the same form as a product packaged for distribution and use by the general public.
- (4) Any substance to the extent it is used in a research laboratory or a hospital or other medical facility under the direct supervision of a technically qualified person.
- (5) Any substance to the extent it is used in routine agricultural operations or is a fertilizer held for sale by a retailer to an ultimate customer.

"Inventory Form" means the Tier I and Tier II emergency and hazardous chemical inventory forms specified in 40 CFR 370.40 (FR 52, 2835, January 27, 1987).

"Material Safety Data Sheet" or "MSDS" means the sheet required to be prepared under 29 CFR 1910.1200 (g).

"Mixture" means a heterogenous association of substances where the various individual substances retain their identities and can usually be separated by mechanical means. Includes solutions or compounds but does not include alloys or amalgams.

"Person" means any individual, trust, firm, joint stock company, corporation, partnership, association, State, municipality, commission, political subdivision of a State, or interstate body.

"Release " means any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping or disposing into the environment (including the abandonment or discarding of barrels, containers and other closed receptacles) of any hazardous chemical, extremely hazardous substance, toxic chemical or CERCLA Hazardous substance.

"Reportable Quantity" means for any CERCLA hazardous substance, the applicable quantity established in the table in 40 CFR 302.4 for such substance; for any other substance, the reportable quantity is one pound.

"Threshold Planning Quantity" means for a substance listed in Appendix A or in the tables appended to 40 CFR 355, the quantity listed in the column "threshold planning quantity" for the substance.

"Toxic chemical" means a chemical or chemical category listed in 40 CFR 372.45. (FR 52, 21152, June 4, 1987)

"State" means any State of the United States, the District of Columbia, the Commonwealth of Puerto Rico, Guam, American Samoa, the United States Virgin Islands, the Northern Mariana Islands and any territory or possession over which the United States has jurisdiction.

"USEPA" means the United States Environmental Protection Agency.

IV. The Mississippi Emergency Response Commission:

The Mississippi Emergency Management Agency was designated Mississippi Emergency Response Commission (MERC) on March 3, 1987, by the Governor of Mississippi. The Mississippi Emergency Response Commission has certain powers to implement the provisions of Title III of the Superfund Amendments and Reauthorization Act (the Emergency Planning and Community Right to Know Act of 1986) (42 U.S.C. 11001, et seq.). Specifically, the Commission shall:

- a) Designate emergency planning districts within the State;
- b) Appoint local emergency planning committees;
- c) Supervise and coordinate local emergency planning committee activities;
- d) Establish procedures for receiving and processing requests from the public for information under Section 324 of the Act including Tier II information under Section 312.
- e) Designate an official to serve as coordinator for information;
- f) Carry out any other responsibilities as designated by the Act and any amendments thereto.

V. Emergency Planning Districts:

To facilitate emergency plan preparation as well as the execution of emergency plans, effective July 17, 1987, each county in Mississippi is designated as an emergency planning district, except that those multi-county districts formed in accordance with Section 33-15-17 (a), Mississippi Code of 1972, may be designated if so requested. Requests for such designation shall be submitted to the Commission in writing.

VI. Local Emergency Planning Committees:

Local emergency planning committees shall be established within each

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emergency planning district no later than 30 days after the designation of the emergency planning district, or by August 17, 1987, whichever is earlier.

a) Planning Committee Representatives

The local emergency planning committee shall, as a minimum, be composed of representatives from the following groups or organizations:

State and local elected official	Law enforcement
Civil defense/emergency management	Fire fighting
First aid or emergency medical	Health
Local environmental groups	Hospital
Broadcast and print media	Transportation
Owners and operators of facilities	Community Groups
(Subject to the Act)	

b) Establishing a Local Emergency Planning Committee

The President of the Board of Supervisors of the emergency planning district (county) shall be responsible, in coordination with other local officials, for recruiting and recommending in writing to the Commission the names of persons representing the organizations or groups cited in paragraph VI. a) of this rule. The Commission shall review the list of recommended local emergency planning district and, from those lists, appoint members to serve on each district's local emergency planning committee. The Commission shall notify the President of the Board of Supervisors of each emergency planning district in writing of the local emergency planning committee appointments.

c) Within thirty days following appointment, the local emergency planning committee shall elect a chairperson and designate an official to serve as coordinator for information. The local emergency planning committee shall also establish rules and guidelines by which it shall function.

d) The local emergency planning committee shall notify the Commission in writing of its elected chairperson and designated coordinator for information, including the addresses and phone numbers of these officials. The Commission shall provide a copy of this information to anyone upon request.

e) The local emergency planning committee shall establish procedures for receiving and processing requests from the public for information under Section 324 of the Act, including Tier II information under Section 312 of the Act.

f) Revisions

The Commission may revise designated emergency planning districts and local emergency planning committee appointments. Interested persons may petition the Commission to modify a local emergency planning committee membership by writing to the Chairman, Missis-

Mississippi Emergency Response Commission, P.O. Box 4501 Jackson, Ms.
39216-0501.

VII. Functions of a Local Emergency Planning Committee:

The local emergency planning committee shall, as a minimum, carry out the following functions:

- a) Elect a chairperson;
- b) Appoint a coordinator for information;
- c) Notify the Commission in writing whenever there is a change in the chairperson or the coordinator for information.
- d) Establish operating rules and guidelines to include provisions for the following activities:
 - 1) Public notification of committee activities
 - 2) Public discussion of emergency plans
 - 3) Acknowledge need for public comments
 - 4) Response to public comment
 - 5) Distribution of the local emergency plan
 - 6) Receiving and processing requests from the public for information.
- e) Prepare a local emergency plan.

VIII. Preparation of Local Emergency Plan:

- a) Each local emergency planning committee shall complete an emergency response plan by October 17, 1988. The plan shall be prepared using the guidance contained in NRT-1, (Hazardous Materials Emergency Planning Guide, March 1987) and any additional guidance provided by the Commission. After completion of an emergency response plan for an emergency planning district, the local emergency planning committee shall send a copy of the plan to the Mississippi Emergency Response Commission. The Commission shall review the plan and make recommendations in writing to the committee on revisions of plan that may be necessary to ensure coordination of such plan with plans of other local emergency planning districts. The committee shall review such a plan once a year, or more frequently, as circumstances in the community or at any facility may require. The emergency plan shall cover, as a minimum, the following:
 - 1) Identification of facilities and transportation routes for extremely hazardous materials;
 - 2) Emergency response procedures, on site and off site;
 - 3) Designation of a community emergency coordinator and facility emergency coordinator;
 - 4) Emergency notification procedures;
 - 5) Methods for determining the occurrence of a release and the probable affected area and population.
 - 6) Description of the community and industry emergency equipment

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- and facilities and the identity of persons responsible for them;
 - 7) Evacuation plans;
 - 8) Training programs; and
 - 9) Methods and schedules for exercising emergency plans. Upon request from the local planning committee.

- b) The owner or operator of a facility shall provide information necessary for developing emergency plans to the local emergency planning committee.

IX. Substances and Facilities Covered

- a) Substances — A substance is subject to the provisions of the Act if listed in 40 CFR 355. (See Appendix A)
- b) Facilities
 - 1) Any facility is subject to the requirements of Title III and this rule if that facility has present a substance specifically listed in Appendix A in an amount in excess of the established threshold planning quantity.
 - 2) The Commission may designate additional facilities as subject to the Act for the purpose of emergency planning. Such additional designations will be made only after public notice and opportunity for comment. The Commission shall notify the facility and the local emergency planning committee concerned of any additional designations under this section.

X. Notification

- a) Emergency Planning Notification

No later than May 17, 1987, the owner or operator of a facility subject to the requirements of Section IX b) 1) of this rule and Section 302 b) (1) of the Act shall notify the Commission that their facility is subject to the requirements of Title III and this rule. The notification shall be in writing and addressed to the Chairman, Mississippi Emergency Response Commission, P.O. Box 4501, Jackson, Ms 39216-0501. As a minimum, the notification will include the name of the facility, location, mailing address, telephone number and the name of a contact person.

- b) Follow-on Notification.

After May 17, 1987, the owner or operator of each facility subject to the requirements of Section IX b) 1) of this rule shall notify the Commission that such facility is subject to these requirements. Thereafter, if a substance on the list of extremely hazardous substances first becomes present at a facility in excess of the threshold planning quantity established for each substance, or if there is a revision of such list and the facility has present a substance on the revised list in excess of the threshold planning quantity established for such substances, the owner or operator of the facility shall notify the Commission and the local emergency plan-

ning committee within 60 days after such acquisition or revision that such facility is subject to the requirements of this rule. The notification shall be in writing, as above. The Commission shall notify the USEPA of each facility providing notification.

c) Facility Emergency Coordinator

The owner or operator of a facility shall designate a facility emergency response coordinator. The facility shall Notify the local emergency planning committee of this designation on or before September 17, 1987, or 30 days after establishment of the committee, which ever is earlier. If there is no committee established, the notification shall be provided to the Commission.

XI. Emergency Notification

a) Applicability

- 1) This section applies to any facility at which a hazardous chemical is produced, used or stored and at which there is a release in excess of a reportable quantity of any extremely hazardous substance listed in 40 CFR 355 or a CERCLA hazardous substance.
- 2) This section does not apply to any release which results in exposure to persons solely within the boundaries of the facility; any federally permitted release (Section 101 (10) of CERCLA); any continuous release (Section 103 (f) of CERCLA); or any release exempt from CERCLA Section 103 (a) reporting.

b) Notification Requirements

Notice shall be given immediately to the emergency response coordinator of the local emergency planning committee by calling the number established and to the Commission by calling 1-800-222-6362 in Mississippi.

c) Content of Notification

The notification shall include the following to the extent known at the time of notification and so long as no delay in notice or emergency response results:

- 1) The chemical name or identity of the substance;
- 2) Whether it is an extremely hazardous substance;
- 3) The estimated quantity of the release;
- 4) The time and duration of the release;
- 5) The medium or media into which the release occurred;
- 6) Any known or anticipated health risks;
- 7) Protective action recommendations; and
- 8) The name (s) and telephone number (s) of person (s) to be contacted for further information.

d) Written Follow-up Notification

As soon as practicable after a release which requires notice, a

written follow-up notice will be made to update the data previously provided, and shall including the following additional information:

- 1) Actions taken to respond to and contain the release;
- 2) Any known or anticipated health risk associated with the release; and
- 3) Where appropriate, advice regarding medical attention for exposed individuals.

e) Transportation Release Notification

An owner or operator of a facility from which there is a transportation related release may meet the requirements of this section by calling 1-800-222-6362 and providing the information in paragraph XI c). For the purpose 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 its ultimate consignee.

XII. Reporting Requirements

"Reporting requirements will be those published as the final regulations under Subtitle B, Sections 311, 312, and 313 of the Act.

XIII. Public Availability of MSDS, Plans and Forms

- a) Each emergency response plan, material safety data sheet, list described in Section 311 (a) (2), inventory form, toxic chemical release form and follow up emergency notice is to be made available to the public, consistent with Section 322 of the Act, on request to the Commission or the local emergency planning committee. Information shall be available to the general public at the Mississippi Emergency Response Commission, 1410 Riverside Dr., P.O. Box 4501, Jackson, Ms. 39216-0501, during normal working hours in accordance with Section 25-61-1, Mississippi Code of 1972, the Mississippi Public Records Act of 1983. Each local emergency planning committee shall designate a location where relevant information may be obtained. Upon request by an owner or operator of a facility subject to the requirements of Section 312 of the Act, the Commission and the appropriate local emergency planning committee shall withhold from disclosure, under the section, the location of any specific chemical required by Section 312 (d) (2) of the Act to be contained in an inventory form as Tier II information.
- b) Each local emergency planning committee must annually publish a notice in local newspapers that the emergency response plan, material safety data sheets, and inventory forms have been submitted under this section. It shall also announce that any member of the public may review the emergency response plan, MSDS, inventory forms at its designated location, during specified times..

CAS #	Chemical Name	Notes	Reportable Quantity * (pounds)	Threshold Planning Quantity (pounds)
75-86-5	Acetone Cyanohydrin		10	1,000
1752-30-3	Acetone Thiosemicarbazide	e	1	1,000 /10,000
107-02-8	Acrolein		1	500
79-06-1	Acrylamide	d, l	5,000	1,000 /10,000
107-13-1	Acrylonitrile	d, l	100	10,000
814-68-6	Acrylyl Chloride	e, h	1	100
111-69-3	Adiponitrile	e, l	1	1,000
116-06-3	Aldicarb	c	1	100 /10,000
309-00-2	Aldrin	d	1	500 /10,000
107-18-6	Allyl Alcohol		100	1,000
107-11-9	Allylamine	e	1	500
20859-73-8	Aluminum Phosphide	b	100	500
54-62-6	Aminopterin	e	1	500 /10,000
78-53-5	Amiton	e	1	500
3734-97-2	Amiton Oxalate	e	1	100 /10,000
7664-41-7	Ammonia	l	100	500
16919-58-7	Ammonium Chloroplatinate	a, e	1	10,000
300-62-9	Amphetamine	e	1	1,000
62-53-3	Aniline	d, l	5,000	1,000
88-05-1	Aniline, 2,4,6-Trimethyl-	e	1	500
7783-70-2	Antimony Pentafluoride	e	1	500
1397-94-0	Antimycin A	c, e	1	1,000 /10,000
86-88-4	AITO		100	500 /10,000
1303-28-2	Arsenic Pentoxide	d	5000	100 /10,000
1327-53-3	Arsenous Oxide	d, h	5000	100 /10,000
7784-34-1	Arsenous Trichloride	d	5000	500
7784-42-1	Arsine	e	1	100
2642-71-9	Azinphos-Ethyl	e	1	100 /10,000
86-50-0	Azinphos-Methyl		1	10 /10,000
1405-87-4	Bacitracin	a, e	1	10,000
98-87-3	Benzal Chloride	d	5,000	500
98-16-8	Benzenamine, 3-(Trifluoromethyl)-	e	1	500
100-14-1	Benzene, 1-(Chloromethyl)-4-Nitro-	e	1	500 /10,000
98-05-5	Benzenearsonic Acid	e	1	10 /10,000
98-09-9	Benzenesulfonyl Chloride	a	100	10,000
3615-21-2	Benzimidazole, 4,5-Dichloro-2-(Trifluoromethyl)-	c, g	1	500 /10,000
98-07-7	Benzotrichloride	d	1	100
100-44-7	Benzyl Chloride	d	100	500
140-29-4	Benzyl Cyanide	e, h	1	500
15271-41-7	Bicyclo[2.2.1]Heptane-2-Carbonitrile, 5-Chloro-6-(((Methylamino) Carbonyl) Oxy) Imino)-, ([S-(1-alpha, 2-beta, 4-alpha, 5-alpha, 6E)]-)	e	1	500 /10,000
534-07-6	Bis(Chloromethyl) Ketone	e	1	10 /10,000
4044-65-9	Bitoscanate	e	1	500 /10,000
10294-34-5	Boron Trichloride	e	1	500
7637-07-2	Boron Trifluoride	e	1	500
353-42-4	Boron Trifluoride Compound With Methyl Ether (1:1)	e	1	1,000
28772-56-7	Bromadiolone	e	1	100 /10,000
7726-95-6	Bromine	a, l	1	500
106-99-0	Butadiene	a, e	1	10,000

CAS #	Chemical Name	Notes	Reportable Quantity * (pounds)	Threshold Planning Quantity (pounds)
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CAS #	Chemical Name	Notes	Reportable Quantity * (pounds)	Threshold Planning Quantity (pounds)
109-19-3	Butyl Isovalerate	a,e	1	10,000
111-34-2	Butyl Vinyl Ether	a,e	1	10,000
1306-19-0	Cadmium Oxide	e	1	100 /10,000
2223-93-0	Cadmium Stearate	c,e	1	1,000 /10,000
7778-44-1	Calcium Arsenate	d	1000	500 /10,000
8001-35-2	Camphochlor	d	1	500 /10,000
56-25-7	Cantharidin	e	1	100 /10,000
51-83-2	Carbachol Chloride	e	1	500 /10,000
26419-73-8	Carbamic Acid, Methyl-, O-(((2,4-Dimethyl-1,3-Dithiolan-2-yl)Methylene)Amino)-	e	1	100 /10,000
1563-66-2	Carbofuran		10	10 /10,000
75-15-0	Carbon Disulfide	l	100	10,000
786-19-6	Carbophenothion	a	1	500
2244-16-8	Carvone	a,e	1	10,000
57-74-9	Chlordane	d	1	1,000
470-90-6	Chlorfenvinfos	e	1	500
7782-50-5	Chlorine		10	100
24934-91-6	Chlormephos	e	1	500
999-81-5	Chlormequat Chloride	e,h	1	100 /10,000
107-20-0	Chloroacetaldehyde	a	1,000	10,000
79-11-8	Chloroacetic Acid	e	1	100 /10,000
107-07-3	Chloroethanol	e	1	500
627-11-2	Chloroethyl Chloroformate	e	1	1,000
67-66-3	Chloroform	d,l	5,000	10,000
542-88-1	Chloromethyl Ether	d,h	1	100
107-30-2	Chloromethyl Methyl Ether	c,d	1	100
3691-35-8	Chlorophacinone	e	1	100 /10,000
1982-47-4	Chloroxuron	e	1	500 /10,000
21923-23-9	Chlorthiophos	e,h	1	500
10025-73-7	Chromic Chloride	e	1	1 /10,000
7440-48-4	Cobalt	a,e	1	10,000
62207-76-5	Cobalt, ((2,2'-(1,2-Ethanedithylbis (Nitrilomethylidene))Bis(6-Fluorophenolato)) (2-)-N,N',O,O')-	e	1	100 /10,000
10210-68-1	Cobalt Carbonyl	e,h	1	10 /10,000
64-86-8	Colchicine	e,h	1	10 /10,000
117-52-2	Coumafuryl	a,e	1	10,000
56-72-4	Coumaphos		10	100 /10,000
5836-29-3	Coumatetralyl	e	1	500 /10,000
95-48-7	Cresol, o-	d	1,000	1,000 /10,000
535-89-7	Crimidine	e	1	100 /10,000
4170-30-3	Crotonaldehyde		100	1,000
123-73-9	Crotonaldehyde, (E)-		100	1,000
506-68-3	Cyanogen Bromide		1,000	500 /10,000
506-78-5	Cyanogen Iodide	e	1	1,000 /10,000
2636-26-2	Cyanophos	e	1	1,000
675-14-9	Cyanuric Fluoride	e	1	100
66-81-9	Cycloheximide	e	1	100 /10,000
108-91-8	Cyclohexylamine	e,l	1	10,000
287-92-3	Cyclopentane	a,e	1	10,000

CAS #	Chemical Name	Notes	Reportable Quantity * (pounds)	Threshold Planning Quantity (pounds)
563-12-2	Ethion		10	1,000
13194-48-4	Ethoprophos	e	1	1,000
538-07-8	Ethylbis(2-Chloroethyl) Amine	e,h	1	500
371-62-0	Ethylene Fluorohydrin	c,e,h	1	10
75-21-8	Ethylene Oxide	d,l	1	1,000
107-15-3	Ethylenediamine		5,000	10,000
151-56-4	Ethyleneimine	d	1	500
2235-25-8	Ethylmercuric Phosphate	a,e	1	10,000
542-90-5	Ethylthiocyanate	a	1	10,000
22224-92-6	Fenamiphos	e	1	10 /10,000
122-14-5	Fenitrothion	e	1	500
115-90-2	Fensulfothion	e,h	1	500
4301-50-2	Fluometil	e	1	100 /10,000
7782-41-4	Fluorine	k	10	500
640-19-7	Fluoroacetamide	j	100	100 /10,000
144-49-0	Fluoroacetic Acid	e	1	10 /10,000
359-06-8	Fluoroacetyl Chloride	c,e	1	10
51-21-8	Fluorouracil	a	1	500 /10,000
944-22-9	Fonofos	e	1	500
50-00-0	Formaldehyde	d,l	1,000	500
107-16-4	Formaldehyde Cyanohydrin	e,h	1	1,000
23422-53-9	Formetanate Hydrochloride	e,h	1	500 /10,000
2540-82-1	Formothion	e	1	100
17702-57-7	Formparanate	e	1	100 /10,000
21548-32-3	Fosthietan	e	1	500
3878-19-1	Fuberidazole	e	1	100 /10,000
110-00-9	Furan		100	500
13450-90-3	Gallium Trichloride	e	1	500 /10,000
77-47-4	Hexachlorocyclopentadiene	d,h	1	100
1335-87-1	Hexachloronaphthalene	a,e	1	10,000
4835-11-4	Hexamethylenediamine, N,N'-Dibutyl-	e	1	500
302-01-2	Hydrazine	d	1	1,000
74-90-8	Hydrocyanic Acid		10	100
7647-01-0	Hydrogen Chloride (Gas Only)	e,l	1	500
7664-39-3	Hydrogen Fluoride		100	100
7722-84-1	Hydrogen Peroxide (Conc > 52%)	e,l	1	1,000
7783-07-5	Hydrogen Selenide	e	1	10
7783-06-4	Hydrogen Sulfide	l	100	500
123-31-9	Hydroquinone	e	1	500 /10,000
53-86-1	Indomethacin	a,e	1	10,000
10025-97-5	Iridium Tetrachloride	a,e	1	10,000
13463-40-6	Iron, Pentacarbonyl-	e	1	100
297-78-9	Isobenzan	e	1	100 /10,000
78-82-0	Isobutyronitrile	e,h	1	1,000
102-36-3	Isocyanic Acid, 3,4-Dichlorophenyl Ester	e	1	500 /10,000
465-73-6	Isodrin		1	100 /10,000
55-91-4	Isofluorophate	c	100	100
4098-71-9	Isophorone Diisocyanate	b,e	1	100
108-23-6	Isopropyl Chloroformate	e	1	1,000
625-55-8	Isopropyl Formate	e	1	500

CAS #	Chemical Name	Notes	Reportable Quantity * (pounds)	Threshold Planning Quantity (pounds)
119-38-0	Isopropylmethylpyrazolyl Dimethylcarbamate	a	1	500
78-97-7	Lactonitrile	a	1	1,000
21609-90-5	Leptophos	a	1	500 /10,000
541-25-3	Lewisite	c, e, h	1	10
58-89-9	Lindane	d	1	1,000 /10,000
7580-67-8	Lithium Hydride	b, a	1	100
109-77-3	Malononitrile		1,000	500 /10,000
12108-13-3	Manganese, Tricarbonyl Methylcyclopentadienyl	a, h	1	100
51-75-2	Mechlorethamine	c, a	1	10
950-10-7	Mephostolan	a	1	500
1600-27-7	Mercuric Acetate	a	1	500 /10,000
7487-94-7	Mercuric Chloride	a	1	500 /10,000
21908-53-2	Mercuric Oxide	a	1	500 /10,000
108-67-8	Mesitylene	a, a	1	10,000
10476-95-6	Methacrolein Diacetate	e	1	1,000
760-93-0	Methacrylic Anhydride	e	1	500
126-98-7	Methacrylonitrile	h	1	500
920-46-7	Methacryloyl Chloride	e	1	100
30674-80-7	Methacryloyloxyethyl Isocyanate	e, h	1	100
10265-92-6	Methamidophos	e	1	100 /10,000
558-25-8	Methanesulfonyl Fluoride	e	1	1,000
950-37-8	Methidathion	e	1	500 /10,000
2032-65-7	Methiocarb		10	500 /10,000
16752-77-5	Methomyl	h	100	500 /10,000
151-38-2	Methoxyethylmercuric Acetate	e	1	500 /10,000
80-63-7	Methyl 2-Chloroacrylate	e	1	500
74-83-9	Methyl Bromide	l	1,000	1,000
79-22-1	Methyl Chloroformate	d, h	1,000	500
624-92-0	Methyl Disulfide	e	1	100
60-34-4	Methyl Hydrazine		10	500
624-83-9	Methyl Isocyanate	f	1	500
556-61-6	Methyl Isothiocyanate	b, e	1	500
74-93-1	Methyl Mercaptan		100	500
3735-23-7	Methyl Phenkapton	e	1	500
676-97-1	Methyl Phosphonic Dichloride	b, e	1	100
556-64-9	Methyl Thiocyanate	a	1	10,000
78-94-4	Methyl Vinyl Ketone	e	1	10
502-39-6	Methylmercuric Dicyanamide	e	1	500 /10,000
75-79-6	Methyltrichlorosilane	e, h	1	500
1129-41-5	Metolcarb	e	1	100 /10,000
7786-34-7	Mevinphos		10	500
315-18-4	Mexacarbate		1,000	500 /10,000
50-07-7	Mitomycin C	a	1	500 /10,000
6923-22-4	Monocrotophos	e	1	10 /10,000
2763-96-4	Muscimol	a, h	1,000	10,000
505-60-2	Mustard Gas	a, h	1	500
7440-02-0	Nickel	a, d	1	10,000
13463-39-3	Nickel Carbonyl	d	1	1
54-11-5	Nicotine	c	100	100
65-30-5	Nicotine Sulfate	e	1	100 /10,000

CAS #	Chemical Name	Notes	Reportable Quantity * (pounds)	Threshold Planning Quantity (pounds)
7697-37-2	Nitric Acid		1,000	1,000
10102-43-9	Nitric Oxide	c	10	100
98-95-3	Nitrobenzene	l	1,000	10,000
1122-60-7	Nitrocyclohexane	e	1	500
10102-44-0	Nitrogen Dioxide		10	100
62-75-9	Nitrosodimethylamine	d,h	1	1,000
991-42-4	Norbormide	e	1	100 /10,000
0	Organorhodium Complex (PMN-82-147)	e	1	10 /10,000
65-86-1	Orotic Acid	a,e	1	10,000
20816-12-0	Osmium Tetroxide	a	1,000	10,000
630-60-4	Ouabain	c,e	1	100 /10,000
23135-22-0	Oxamyl	e	1	100 /10,000
78-71-7	Oxetane, 3,3-Bis(Chloromethyl)-	e	1	500
2497-07-6	Oxydisulfurion	e,h	1	500
10028-15-6	Ozone	a	1	100
1910-42-5	Paraquat	e	1	10 /10,000
2074-50-2	Paraquat Methosulfate	e	1	10 /10,000
56-38-2	Parathion	c,d	1	100
298-00-0	Parathion-Methyl	c	100	100 /10,000
12002-03-8	Paris Green	d	100	500 /10,000
19624-22-7	Pentaborane	a	1	500
76-01-7	Pentachloroethane	a,d	1	10,000
87-86-5	Pentachlorophenol	a,d	10	10,000
2570-26-5	Pentadecylamine	e	1	100 /10,000
79-21-0	Peracetic Acid	e	1	500
594-42-3	Perchloromethylmercaptan		100	500
108-95-2	Phenol		1,000	500 /10,000
97-18-7	Phenol, 2,2'-Thiodis(4,6-Dichloro)-	e	1	100 /10,000
4418-66-0	Phenol, 2,2'-Thiodis(4-Chloro-6-Methyl)-	e	1	100 /10,000
64-00-6	Phenol, 3-(1-Methylethyl)-, Methylcarbamate	e	1	500 /10,000
58-36-6	Phenoxarsine, 10,10'-Oxydi-	e	1	500 /10,000
696-28-6	Phenyl Dichloroarsine	d,h	1	500
59-88-1	Phenylhydrazine Hydrochloride	e	1	1,000 /10,000
62-38-4	Phenylmercury Acetate		100	500 /10,000
2097-19-0	Phenylsulfatane	e,h	1	100 /10,000
103-85-5	Phenylthiourea		100	100 /10,000
298-02-2	Phorate		10	10
4104-14-7	Phosacetim	e	1	100 /10,000
947-02-4	Phosfolan	e	1	100 /10,000
75-44-5	Phosgene	l	10	10
732-11-6	Phosmet	e	1	10 /10,000
13171-21-6	Phosphamidon	e	1	100
7803-51-2	Phosphine		100	500
2703-13-1	Phosphonothioic Acid, Methyl-, O-Ethyl O-(4-(Methylthio)Phenyl) Ester	a	1	500
50782-69-9	Phosphonothioic Acid, Methyl- S-(2-(Bis(1-Methylethyl)Amino)Ethyl) O-Ethyl Ester	e	1	100
2665-30-7	Phosphonothioic Acid, Methyl-, O-(4-Nitrophenyl) O-Phenyl Ester	e	1	500
3254-63-5	Phosphoric Acid, Dimethyl 4-(Methylthio) Phenyl	e	1	500

Appendix A - Extremely Hazardous Substances

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CAS #	Chemical Name	Notes	Reportable Quantity * (pounds)	Threshold Planning Quantity (pounds)
2587-90-8	Ester Phosphorothioic Acid, O,O-Dimethyl-S-(2-Methylthio) Ethyl Ester	c,e,g	1	500
7723-14-0	Phosphorus	b,h	1	100
10025-87-3	Phosphorus Oxychloride	d	1,000	500
10026-13-8	Phosphorus Pentachloride	b,e	1	500
1314-56-3	Phosphorus Pentoxide	b,e	1	10
7719-12-2	Phosphorus Trichloride		1,000	1,000
84-80-0	Phylloquinone	a,e	1	10,000
57-47-6	Physostigmine	e	1	100 /10,000
57-64-7	Physostigmine, Salicylate (1:1)	e	1	100 /10,000
124-87-8	Picrotoxin	e	1	500 /10,000
110-89-4	Piperidine	e	1	1,000
5281-13-0	Piprotal	e	1	100 /10,000
23505-41-1	Primifos-Ethyl	e	1	1,000
10025-65-7	Platinous Chloride	a,e	1	10,000
13454-96-1	Platinum Tetrachloride	a,e	1	10,000
10124-50-2	Potassium Arsenite	d	1,000	500 /10,000
151-50-8	Potassium Cyanide	b	10	100
506-61-6	Potassium Silver Cyanide	b	1	500
2631-37-0	Promecarb	e,h	1	500 /10,000
106-96-7	Propargyl Bromide	e	1	10
57-57-8	Propiolactone, Beta-	e	1	500
107-12-0	Propionitrile		10	500
542-76-7	Propionitrile, 3-Chloro-		1,000	1,000
70-69-9	Propiophenone, 4-Amino-	e,g	1	100 /10,000
109-61-5	Propyl Chloroformate	e	1	500
1331-17-5	Propylene Glycol, Allyl Ether	a,e	1	10,000
75-56-9	Propylene Oxide	l	100	10,000
75-55-8	Propyleneimine	d	1	10,000
2275-18-5	Prothoate	e	1	100 /10,000
95-63-6	Pseudocumene	a,e	1	10,000
129-00-0	Pyrene	c	5,000	1,000 /10,000
140-76-1	Pyridine, 2-Methyl-5-Vinyl-	e	1	500
504-24-5	Pyridine, 4-Amino-	h	1,000	500 /10,000
1124-33-0	Pyridine, 4-Nitro-, 1-Oxide	e	1	500 /10,000
53558-25-1	Pyriminil	e,h	1	100 /10,000
10049-07-7	Rhodium Trichloride	a,e	1	10,000
14167-18-1	Salcomine	e	1	500 /10,000
107-44-8	Sarin	e,h	1	10
7783-00-8	Selenious Acid		10	1,000 /10,000
7791-23-3	Selenium Oxychloride	e	1	500
563-41-7	Semicarbazide Hydrochloride	e	1	1,000 /10,000
3037-72-7	Silane, (4-Aminobutyl)Diethoxymethyl-	e	1	1,000
128-56-3	Sodium Anthraquinone-1-Sulfonate	a,e	1	10,000
7631-89-2	Sodium Arsenate	d	1,000	1,000 /10,000
7784-46-5	Sodium Arsenite	d	1,000	500 /10,000
26628-22-8	Sodium Azide (Na(N3))	b	1,000	500
124-65-2	Sodium Cacodylate	e	1	100 /10,000
143-33-9	Sodium Cyanide (Na(CN))	b	10	100

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CAS #	Chemical Name	Notes	Reportable Quantity * (pounds)	Threshold Planning Quantity (pounds)
62-74-8	Sodium Fluoroacetate		10	10 /10,000
131-52-2	Sodium Pentachlorophenate	e	1	100 /10,000
13410-01-0	Sodium Selenate	e	1	100 /10,000
10102-18-8	Sodium Selenite	h	100	100 /10,000
10102-20-2	Sodium Tellurite	e	1	500 /10,000
900-95-8	Stannane, Acetoxytriphenyl-	e,g	1	500 /10,000
57-24-9	Strychnine	c	10	100 /10,000
60-41-3	Strychnine, Sulfate	a	1	100 /10,000
3689-24-5	Sulfotep		100	500
3569-57-1	Sulfoxide, 3-Chloropropyl Octyl	e	1	500
7446-09-5	Sulfur Dioxide	e,l	1	500
7783-60-0	Sulfur Tetrafluoride	e	1	100
7446-11-9	Sulfur Trioxide	b,o	1	100
7664-93-9	Sulfuric Acid		1,000	1,000
77-81-6	Tabun	c,o,h	1	10
13494-80-9	Tellurium	a	1	500 /10,000
7783-80-4	Tellurium Hexafluoride	e,k	1	100
107-49-3	TEPP		10	100
13071-79-9	Terbufos	e,h	1	100
78-00-2	Tetraethyllead	c,d	10	100
597-64-8	Tetraethyltin	c,e	1	100
75-74-1	Tetramethyllead	c,e,l	1	100
509-14-8	Tetranitromethane		10	500
1314-32-5	Thallic Oxide	a	100	10,000
10031-59-1	Thallium Sulfate	h	100	100 /10,000
6533-73-9	Thallous Carbonate	c,h	100	100 /10,000
7791-12-0	Thallous Chloride	c,h	100	100 /10,000
2757-18-8	Thallous Malonate	c,e,h	1	100 /10,000
7446-18-6	Thallous Sulfate		100	100 /10,000
2231-57-4	Thiocarbazine	e	1	1,000 /10,000
21564-17-0	Thiocyanic Acid, 2-(Benzothiazolylthio)Methyl Ester	a,e	1	10,000
39196-18-4	Thiofanox		100	100 /10,000
640-15-3	Thiometon	a,e	1	10,000
297-97-2	Thionazin		100	500
108-98-5	Thiophenol		100	500
79-19-6	Thiosemicarbazide		100	100 /10,000
5344-82-1	Thiourea, (2-Chlorophenyl)-		100	100 /10,000
614-78-8	Thiourea, (2-Methylphenyl)-	e	1	500 /10,000
7550-45-0	Titanium Tetrachloride	a	1	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	e	1	500
1031-47-6	Triamphos	c	1	500 /10,000
24017-47-8	Triazofos	e	1	500
76-02-8	Trichloroacetyl Chloride	e	1	500
115-21-9	Trichloroethylsilane	e,h	1	500
327-98-0	Trichloronate	e,k	1	500
98-13-5	Trichlorophenylsilane	e,h	1	500
52-68-6	Trichlorophen	a	100	10,000

CAS #	Chemical Name	Notes	Reportable Quantity * (pounds)	Threshold Planning Quantity (pounds)
1558-25-4	Trichloro(Chloromethyl)Silane	e	1	100
27137-85-5	Trichloro(Dichlorophenyl)Silane	e	1	500
998-30-1	Triethoxysilane	e	1	500
75-77-4	Trimethylchlorosilane	e	1	500
824-11-3	Trimethylpropane Phosphite	e, h	1	1,000
1066-45-1	Trimethyltin Chloride	e	1	100 /10,000
639-58-7	Triphenyltin Chloride	e	1	500 /10,000
555-77-1	Tris(2-Chloroethyl)Amine	e	1	500 /10,000
2001-95-8	Valinomycin	e, h	1	100
1314-62-1	Vanadium Pentoxide	c, e	1	1,000 /10,000
108-05-4	Vinyl Acetate Monomer	d, l	1,000	100 /10,000
3048-64-4	Vinylnorbornene	a, e	5,000	1,000
81-81-2	Warfarin		1	10,000
129-06-6	Warfarin Sodium		100	500 /10,000
28347-13-9	Xylylene Dichloride	e, h	1	100 /10,000
58270-08-9	Zinc, Dichloro(4,4-Dimethyl-5(((Methylamino) Carbonyl)Oxy)Imino)Pentanenitrile)-, (T-4)-	e	1	100 /10,000
1314-84-7	Zinc Phosphide	b	100	500

- Notes:
- * Only the statutory or final RQ is shown. For more information, see 40CFR Table 302.4
 - 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 completed.
 - e Statutory reportable quantity for purposes of notification under SARA sect 304(a)(2).
 - f The statutory 1 pound reportable quantity for methyl isocyanate may be adjusted in a future rulemaking action.
 - 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 the toxicity criteria but because of their high production volume and recognized toxicity are considered chemicals of concern ("other chemicals")