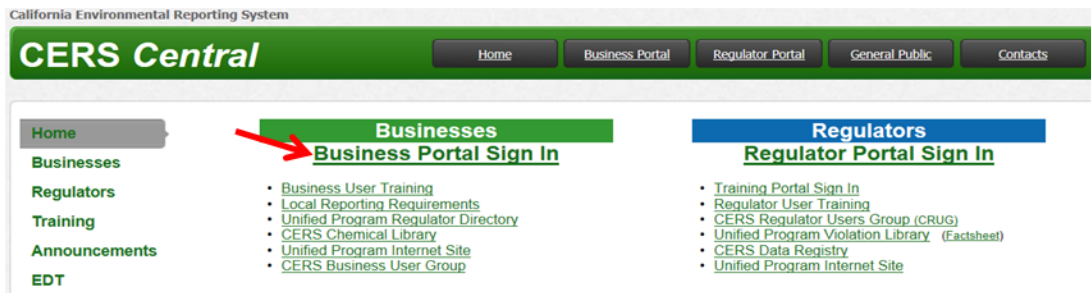




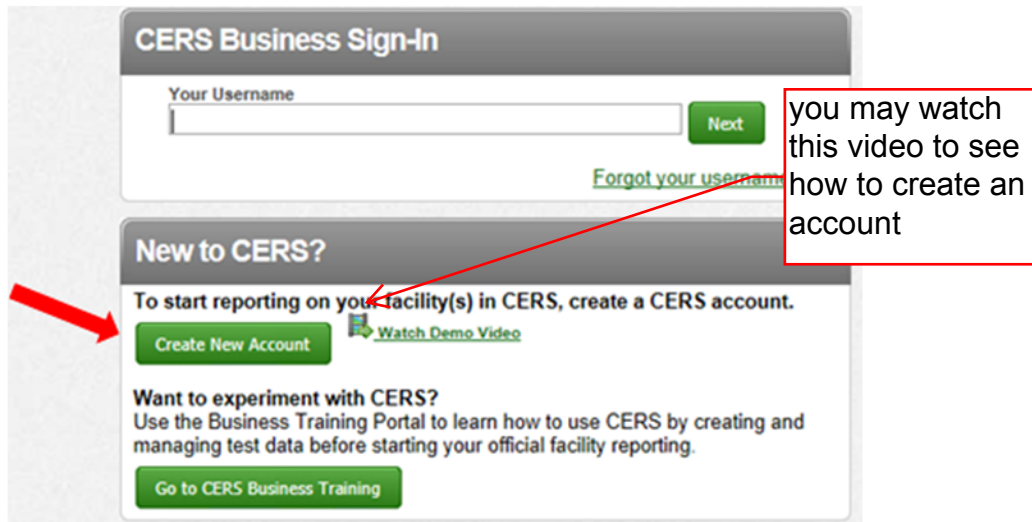
## California Environmental Reporting System (CERS) First Submittal Quick Guide

Go to the CERS Central website at: <http://cers.calepa.ca.gov/>

a) Select “Business Portal Sign In”

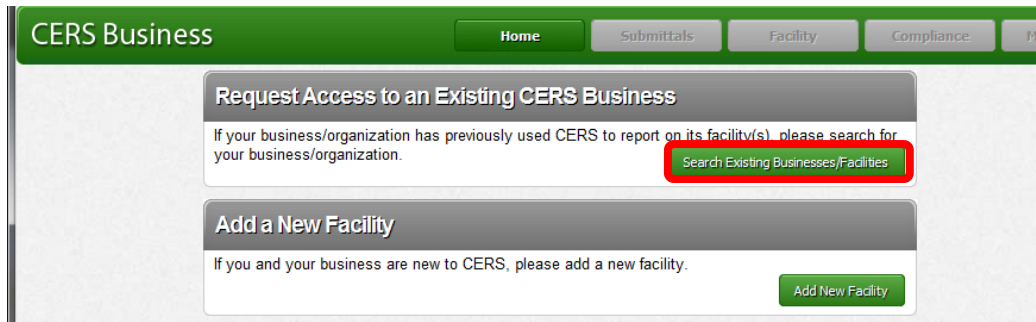


b) Now select “Create New Account”



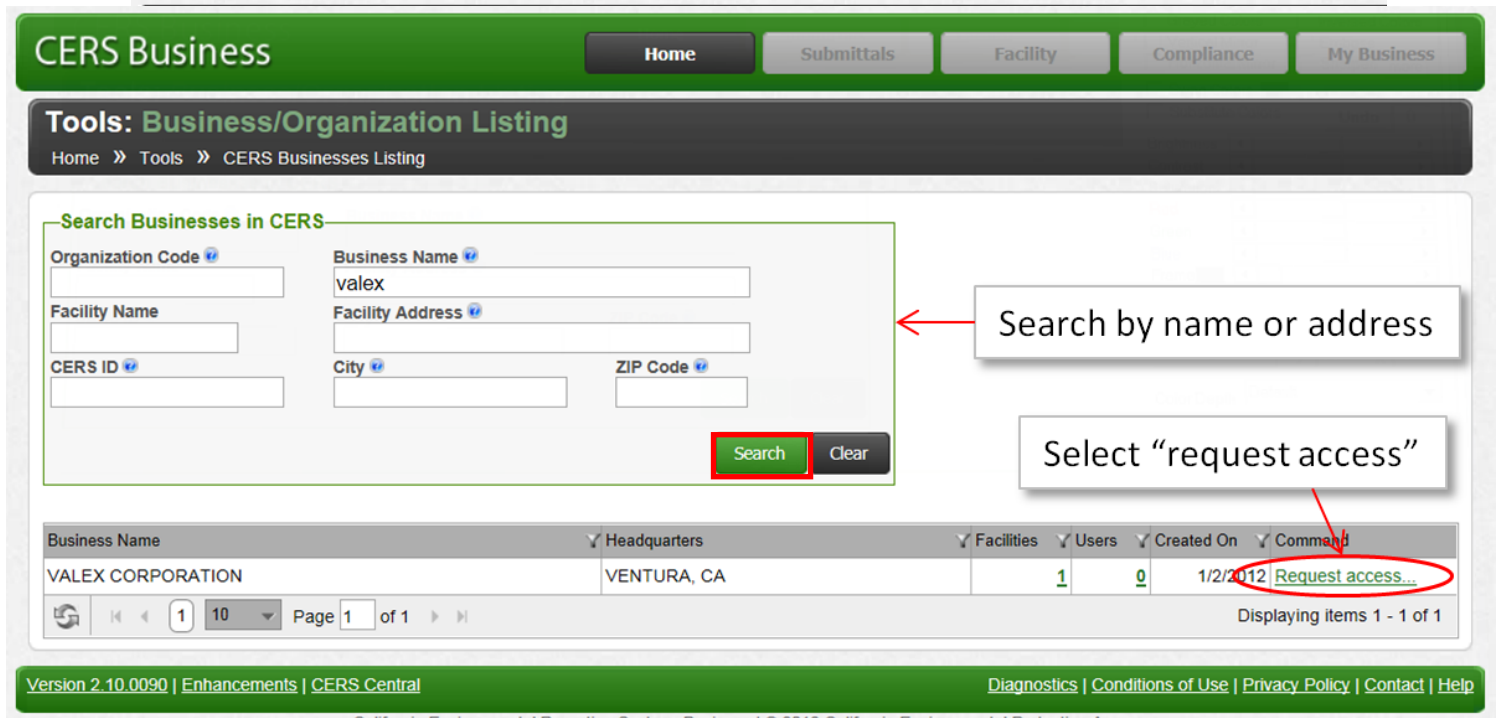
- c) Fill out the CERS Registration page. Make sure the username and password meet the requirements in the red box.
- d) Select “Create My Account”
- e) You should receive an automated email message to activate your account. If you do not receive one, check your spam or junk folder. Make sure to follow the instructions on this email to activate your account. You have 30 days to activate your account.

# Requesting Access to Your Facility



Most likely, your facility has already been added to CERS by the Ventura County Environmental Health Division (EHD). You can request access to your facility by clicking the **“Search Existing Businesses/Facilities”** link.

- a) Use the search box to find your facility. More words entered will yield more detailed results, whereas partial entries will broaden your search.
- b) The results will be displayed below the gray line, which can be sorted and filtered by clicking the funnel icon to the right of each header and further enhance your search.



- c) Once you’ve found your facility, click **“Request access...”** on the last column, fill in your phone number and title, and click **“Submit”**

### Organization Access Request

**Request Access to Existing Business/Organization**

You need to be approved for access to the business/organization shown below before you can add/report on the facility below.

CERS Business/Organization Name  
UC SAN DIEGO

Access Request will be sent to  
 Tod Ferguson ([tferguson@ucsd.edu](mailto:tferguson@ucsd.edu)), Jennifer Woods ([jwoods@ucsd.edu](mailto:jwoods@ucsd.edu)), Lance Scott ([lscott@ucsd.edu](mailto:lscott@ucsd.edu))

**Phone Number and Title**

You **must** provide a phone number, and you can optionally provide your Title.

Phone Number (Required)  
  
 (e.g., (999) 999-9999 x123)

Title (Optional)

d) Your access request will be sent to the [Lead User](#) for that facility to accept or deny. If a lead user has not yet been assigned, your request will go to EHD for processing.

## Reviewing and Editing Your Facility Data

Once you have created an account and linked it to your facility, you may need to review, edit, or add to the existing data that was "seeded" by EHD, if applicable.

First: Select the "Start/Edit Submittal" button for the facility to be submitted.

CERS Business

Home: VENTURA COUNTY SATICOY FUEL SITE 11
Home

Common Tasks



**Start Facility Submittal**  
 CERS will help walk you through the forms and documents required for your previously added facility(s).



**Add Facility**  
 If you are new to CERS, or must add new facility(s), the Add Facility pages will ensure you get started correctly!



**People/Users**  
 You can allow/manage other people in your business who need to view or edit your facility reporting.



**Contact Your Local Regulator(s)**  
 Find contact information for your facility's local regulator(s).

Facilities
Add Facility...

	Facility Name	Address	Last Submittal	CERS ID
<input type="button" value="Start / Edit Submittal"/>	VENTURA COUNTY SATICOY FUEL SITE 11	11201A1 RIVERBANK DR, VENTURA 93004		<a href="#">10337527</a>

## Electronic Submissions & Submittal Elements

In CERS, the process of reporting information related to the six existing Unified Program elements is broken down into smaller components called submittal elements. For your first submittal, you will need to submit **all applicable** submittal elements at the same time. This document will show you how.

Selecting the "Start/Edit Submittal" button will begin the process to prepare a draft submittal. You will notice that some of the submittal elements may be in red. The red text lets you know that there may be some missing data that must be completed before you can submit.

The screenshot shows the CERS Business web application interface. At the top, there is a green navigation bar with buttons for Home, Submittals, Facilities, Compliance, and My Business. Below this is a dark grey header for "Prepare Draft Submittal: GSA/PWA-MOORPARK YARD SITE 6". The main content area is divided into several sections, each with a status indicator (a red circle with a white exclamation mark) and a "Submit" button. The sections are: "Facility Information" (with a "Ready to Submit" button and a "Review Needed" button), "Hazardous Materials Inventory" (with "Review Needed" and "Document Needed" buttons), "Emergency Response and Training Plans" (with a "Start" button and a "Not Applicable" button), and "Underground Storage Tanks" (with a "Form Needed" button). A red box highlights the "Business Owner/Operator Identification" link in the Facility Information section. A red arrow points from a text box to this link and another red arrow points from the same text box to the "Review Needed" button in the Facility Information section.

red indicates that review and editing are required

Selecting the red Business Owner submittal element, will open that page and a red box will show you missing information. Complete the missing information and select the SAVE button

The screenshot shows a "Billing Contact" form. The form has several fields: "First & Last Name" (filled with "COUNTY OF VENTURA"), "Phone" (empty and highlighted with a red box), "Email" (empty), "Mailing Address" (filled with "11201-A1 RIVERBANK DR"), "City" (filled with "VENTURA"), "State" (filled with "CA"), "ZIP/Postal Code" (filled with "93004"), and "Country" (filled with "United States"). A red arrow points from the text box to the "Phone" field. A "Copy address..." link is visible in the top right corner of the form.

# Reviewing and Editing Your Hazardous Material Inventory

You must complete a separate inventory form for each individual hazardous material and hazardous waste that you handle at your facility in an aggregate quantity subject to Hazardous Material Business Plan reporting requirements.

Some of your hazardous material inventory may require additional information or updating. The hazardous material that we had for your facility in September 2012 is what was "seeded" into CERS. If this information is no longer accurate, edit the information prior to your submittal.

The screenshot shows the top of the 'Hazardous Materials Inventory' application. The title bar includes 'DRAFT Dec. 3, 2012' and a 'Submit' button. Below the title bar, there are several navigation links: 'Hazardous Material Inventory (18)', 'Add Material', 'Site Map (Official Use Only)', and 'Discard Draft Submittal'. On the right side, there are two red text notifications: 'Review Needed' and 'Document Needed', each with a corresponding button ('Discard' and 'New' respectively). A red arrow points from the 'Review Needed' notification to a text box below.

Select "Review Needed" to view and edit your inventory

The screenshot shows a table of hazardous materials. The table has columns for 'Common Name', 'CAS', 'Location', and 'Max Daily Amount'. The first row is 'ARGON/CARBON DIOXIDE' with a location of 'E END OF TRANS & HEAVY EQUIP SHOP' and a quantity of '1,300 cubic feet'. A red circle highlights the 'Edit' button for this material. A red arrow points from this button to a text box below.

Common Name	CAS	Location	Max Daily Amount
ARGON/CARBON DIOXIDE		E END OF TRANS & HEAVY EQUIP SHOP	1,300 cubic feet
DIESEL T2		E END OF TRANS & HEAVY EQUIP SHOPS	100 gallons
GASOLINE REGULAR T1		E END OF TRANS & HEAVY EQUIP SHOPS	100 gallons
MOTOR OIL		E END OF TRANS & HEAVY EQUIP SHOPS	100 gallons
OXYGEN	7783-41-7	E END OF TRANS & HEAVY EQUIP SHOPS	1,000 cubic feet
PROPANE	598-10-7	E END OF TRANS & HEAVY EQUIP SHOPS	100 gallons
WASTE COOLANT		E END OF TRANS & HEAVY EQUIP SHOPS	110 gallons
WASTE OIL	NA	E END OF TRANS & HEAVY EQUIP SHOPS	2,000 gallons
ACETYLENE	74-86-2	E END OF TRANS & HEAVY EQUIP SHOPS	762 cubic feet
AUTOMOTIVE TRANSMISSION FLUID		E END OF TRANS & HEAVY EQUIP SHOPS	750 gallons
GEAR LUBE		E END OF TRANS & HEAVY EQUIP SHOPS	250 gallons
HYDRAULIC OIL		E END OF TRANS & HEAVY EQUIP SHOPS	250 gallons

select edit to view and edit each material

Selecting the "Edit" button will bring up the chemical information for that material. For the material selected, the Extremely Hazardous Substance (EHS) question was not answered. Most likely the answer will be "No". However, the list of EHS materials and quantities is included at the end of this document for your reference.

The screenshot shows a form for 'Chemical Identification and Physical Properties' and 'Chemical Hazard Classification'. The 'Chemical Name' is 'ARGON/CARBON DIOXIDE'. The 'Physical State' is 'Gas'. The 'Hazardous Material Type' is 'Mixture'. The 'EHS' question is 'No'. A red box highlights the 'EHS' question and the 'No' radio button. A red arrow points from this box to a text box below.

**Chemical Identification and Physical Properties**

Chemical Name: ARGON/CARBON DIOXIDE  
Common Name: ARGON/CARBON DIOXIDE  
CAS Number: 7783-41-7  
US EPA SRS Number: 100-00-0000  
Physical State:  Solid  Liquid  Gas  
Hazardous Material Type:  Pure  Mixture

**Chemical Hazard Classification**

EHS:  Yes  No  
Radioactive:  Yes  No  
Curies:   
Fire Code Hazard Classes (by priority):   
View/Edit Additional Firecodes  
Federal Hazard Categories:  Fire  Reactive  Pressure Release  Acute Health  Chronic Health  
DOT Hazard Class:   
State Waste Code:  [Lookup Code](#)

Select the appropriate answer. Continue completing all other required fields.

# MINIMALLY REQUIRED VENTURA CO CUPA INFORMATION

One page is required for each material above hazardous material threshold limits of:

- 55 gallons (for liquids)
- 200 cubic feet (for gases)
- 500 pounds (for solids)

**OR ANY AMOUNT OF HAZARDOUS WASTE**

The red boxes show the minimally required fields

Save & Add Another Material    Save    Cancel

### Chemical Identification and Physical Properties

<input type="text" value="Chemical Name"/>	CERS Chemical Library ID <input type="text"/>
<span style="border: 1px solid red; padding: 2px;">Common Name</span> <input type="text"/>	<span style="border: 1px solid red; padding: 2px;">CAS Number</span> <input type="text"/>
	US EPA SRS Number <input type="text"/>
Physical State <input type="radio"/> Solid <input type="radio"/> Liquid <input type="radio"/> Gas	Hazardous Material Type <input checked="" type="checkbox"/> <input type="radio"/> Pure <input type="radio"/> Mixture <input type="radio"/> Waste
	Trade Secret <input type="radio"/> Yes <input type="radio"/> No

### Chemical Hazard Classification

EHS <input type="radio"/> Yes <input type="radio"/> No	Fire Code Hazard Classes (by priority) <input type="text"/>	Federal Hazard Categories <input type="checkbox"/> Fire <input type="checkbox"/> Reactive <input type="checkbox"/> Pressure Release <input type="checkbox"/> Acute Health <input type="checkbox"/> Chronic Health	DOT Hazard Class <input type="text"/>
Radioactive <input type="radio"/> Yes <input checked="" type="radio"/> No	<a href="#">View/Edit Additional Firecodes</a>		State Waste Code <input type="text"/> <a href="#">Lookup Code</a>
Curies <input type="text"/>			

### Inventory Location and Quantity

Chemical Location <input type="text"/>	Average Daily Amount <input type="text"/>	Maximum Daily Amount <input type="text"/>	Units <input type="radio"/> gallons <input type="radio"/> cubic feet <input type="radio"/> pounds <input type="radio"/> tons
Chemical Location Confidential EPCRA <input type="radio"/> Yes <input type="radio"/> No	Largest Container <input type="text"/>	Annual Waste Amount <input type="text"/>	
Map# (Optional) <input type="text"/>	Grid# (Optional) <input type="text"/>	Days on Site <input type="text"/>	HW only

### Inventory Storage Information

<input type="checkbox"/> Aboveground Tank	<input type="checkbox"/> Can	<input type="checkbox"/> Box	<input type="checkbox"/> Tank Truck, Tank Wagon
<input type="checkbox"/> Underground Tank	<input type="checkbox"/> Carboy	<input type="checkbox"/> Cylinder	<input type="checkbox"/> Tank Car, Rail Car
<input type="checkbox"/> Tank Inside Building	<input type="checkbox"/> Silo	<input type="checkbox"/> Glass Bottle	<input type="checkbox"/> Other
<input type="checkbox"/> Steel Drum	<input type="checkbox"/> Fiber Drum	<input type="checkbox"/> Plastic Bottle	<input type="text"/>
<input type="checkbox"/> Plastic/Non-Metallic Drum	<input type="checkbox"/> Bag	<input type="checkbox"/> Tote Bin	

Storage Pressure <input type="radio"/> Ambient <input type="radio"/> Above Ambient <input type="radio"/> Below Ambient	Storage Temperature <input type="radio"/> Ambient <input type="radio"/> Above Ambient <input type="radio"/> Below Ambient <input type="radio"/> Cryogenic
---	--

### Mixture Components

Hazardous Component Name	CAS Number	% by Weight	EHS
Complete if marked as mixture			
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="radio"/> Yes <input type="radio"/> No
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="radio"/> Yes <input type="radio"/> No
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="radio"/> Yes <input type="radio"/> No
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="radio"/> Yes <input type="radio"/> No

Additional Mixture Components

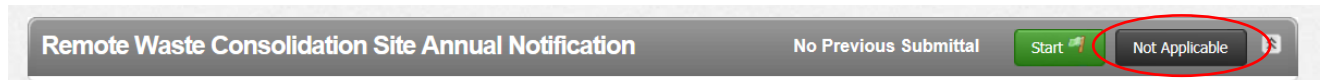
### Additional Chemical/Material Description

Additional Chemical Description Information

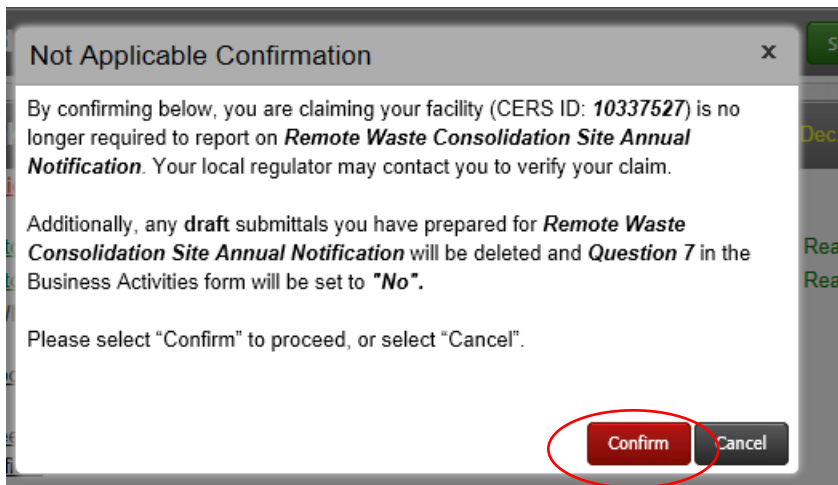


## Remote Waste Consolidation Correction

During the "seeding" process, some of the facility data was not correctly transferred into CERS, related to Remote Waste Consolidation. Most facilities do not consolidate hazardous waste from remote sites. However, if you see the "Remote Waste Consolidation Annual Notification" submittal element listed in your draft submittal (shown below) and you do not consolidate hazardous waste from remote sites, you will need to select the "Non Applicable" button and select save.



You will receive the warning pop-up window below. Select confirm and continue with your remaining submittal elements.



# Complete Remaining Submittal Elements

**CERS Business** Home Submittals Facilities Compliance My Business

**Prepare Draft Submittal: GSA/PWA-MOORPARK YARD SITE 6**

Home >> Prepare Submittal (10332166)

**Instructions/Help**

Use this page to prepare draft submittals for your facility to transmit to your local regulator(s) by selecting the guidance icons (● ▲ ●).

- Select "Start" button to create a submittal from scratch or copied from a previous submission.
- Select "New" and "Edit" buttons to complete specific submittal forms or provide supplemental documentation.
- Select "Discard" button to delete a draft form/documentation when you need to re-start a form or it is no longer relevant for your draft submittal.
- Select "Not Applicable" if you believe the submittal element is no longer relevant for your facility (e.g., closed UST tank).
- Select "Submit" when you are ready to transmit one or more submittals to your local regulator(s). ALL submittals must include a Facility Information element.

**Facility Information** ● DRAFT Jan. 10, 2013 Submit

Business Activities ● Ready to Submit Edit

Business Owner/Operator Identification ● Review Needed Edit

Discard Draft Submittal Miscellaneous State-Required Documents

**Hazardous Materials Inventory** ● DRAFT Jan. 10, 2013 Submit

Hazardous Material Inventory (2) Add Material ● Review Needed Discard

Site Map (Official Use Only) Document Needed New

Discard Draft Submittal Miscellaneous State-Required Documents

**Unified Program Local Reporting Requirements for Ventura County Environmental Health**

Regulated facilities in this jurisdiction are required to report any quantity of hazardous waste in the Hazardous Materials Inventory Submittal Element.

**Emergency Response and Training Plans** No Previous Submittals Start Not Applicable

**Underground Storage Tanks** ● DRAFT Jan. 10, 2013 Submit

UST Facility Operating Permit Application ● Form Needed New

Tanks

Some of the documents, such as the Emergency Response/Contingency Plan, do not have to be uploaded at this time. If you have previously provided EHD with an accurate plan and there have been no changes, you may select "Provided to Regulator" and enter approximate date provided and select "Save".

**VENTURA COUNTY SATICOY FUEL SITE 11: Emergency Response/Contingency Plan**

Home >> Prepare Submittal (10337527) >> ER and Training Plans: Emergency Response/Contingency Plan (Draft)

**Instructions/Help**

**Emergency Response/Contingency Plan(s) Supplemental Documentation**

You must submit an emergency response/contingency plan for your facility. Contact your local regulator for more information about providing a suitable plan. To upload a document, select the **Browse** button and then the file on your computer to upload, provide a document title, and then select **Save & Finish** to complete the upload. Use of other document options shown on the left must be approved by your local regulator.

Consolidated Emergency Response/Contingency Plan Template: This optional template may be used to satisfy requirements that Hazardous Materials Business Plans (HMBP) contain emergency response plans, procedures, and employee training in the event of a reportable/threatened hazardous material release. [Download](#) the form, read the [instructions](#), complete it, and upload it here.

**Document Options**

- Upload Document(s)
- Public Internet URL
- Provided Elsewhere in CERS
- Provided to Regulator
- Stored at Facility
- Exempt

**Stored at Regulatory Agency**

Is the document(s) have been given to the Regulator, enter the date the document was filed.

Date Provided

Save Cancel



# Ready to Submit Your Information to CERS

Once **all** submittal elements have been completed and each element is showing a green "Submit" button, select any on these buttons to initiate the submittal process.

The screenshot shows three submittal sections, each with a 'Submit' button circled in red:

- Facility Information** (DRAFT Nov. 29, 2012):
  - Business Activities: Ready to Submit [Edit]
  - Business Owner/Operator Identification: Ready to Submit [Edit]
  - Discard Draft Submittal
- Hazardous Materials Inventory** (DRAFT Dec. 19, 2012):
  - Hazardous Material Inventory (18): Add Material [Add Material]
  - Site Map (Official Use Only): Provided to Regulator: Ready to Submit [Edit] [Discard]
  - Locally-Required Documentation: Ready to Submit [New]
  - Discard Draft Submittal
  - Unified Program Local Reporting Requirements for Ventura County Environmental Health: "Regulated facilities in this jurisdiction are required to report any quantity of hazardous waste in the Hazardous Materials Inventory Submittal Element."
- Emergency Response and Training Plans** (DRAFT Dec. 19, 2012):
  - Emergency Response/Contingency Plan: Provided to Regulator: Ready to Submit [Edit] [Discard]
  - Employee Training Plan: Stored at Facility: Ready to Submit [Edit] [Discard]
  - Discard Draft Submittal

The submittal elements are now combined and ready for submittal. Select "Submit Selected Elements"

The 'Ready to Submit' summary page shows a table of submittal elements with a 'Submit Selected Elements' button circled in red. A red box highlights the checkmarks in the right column of the table, with a callout box saying "make sure there is a check mark in each box".

Element	Status	Action
Facility Information	Ready To Submit	<input checked="" type="checkbox"/>
Hazardous Materials Inventory	Ready To Submit	<input checked="" type="checkbox"/>
Emergency Response and Training Plans	Ready To Submit	<input checked="" type="checkbox"/>
Aboveground Petroleum Storage Act	Ready To Submit	<input checked="" type="checkbox"/>

You are done! The submittals will be reviewed by EHD and you will be notified via email if the submittals have been accepted or not accepted. You will be given instructions if they are not accepted and changes are required.

The screenshot shows the CERS Business interface with a "Submittal Finished" message for VENTURA COUNTY SATICOY FUEL SITE 11. The message states: "You have submitted the following elements on 12/20/2012 to Ventura County Environmental Health".

- Facility Information
- Hazardous Materials Inventory
- Aboveground Petroleum Storage Act
- Emergency Response and Training Plans

**What's Next?**

- Return to the [Draft Submittal](#) page.
- Return to [Facility Home](#).

# List of Extremely Hazardous Substances

**Pt. 355, App. A**

**40 CFR Ch. I (7-1-09 Edition)**

agreement between a State and a Tribe, the SERC shall be the entity identified in the agreement.

*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, any other territory or possession over which the United States has jurisdiction and Indian Country.

*Threshold planning quantity* means, for a substance listed in Appendices A and B of this part, the quantity listed in the column “threshold planning quantity” for that substance.

[73 FR 65462, Nov. 3, 2008, as amended at 73 FR 76960, Dec. 18, 2008]

**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 planning 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	500	
79-06-1	Acrylamide	f	5,000	1,000/10,000
107-13-1	Acrylonitrile	f	100	10,000
814-68-6	Acrylyl Chloride	d	100	100
111-69-3	Adiponitrile	f	1,000	1,000
116-06-3	Aldicarb	b	1	100/10,000
309-00-2	Aldrin	1	500/10,000	
107-18-6	Allyl Alcohol	100	1,000	
107-11-9	Allylamine	500	500	
20859-73-8	Aluminum Phosphide	a	100	500
54-62-6	Aminopterin		500	500/10,000
78-53-5	Amiton		500	500
3734-97-2	Amiton Oxalate		100	100/10,000
7664-41-7	Ammonia	f	100	500
300-62-9	Amphetamine		1,000	1,000
62-53-3	Aniline	f	5,000	1,000
88-05-1	Aniline, 2,4,6-Trimethyl-		500	500
7783-70-2	Antimony Pentafluoride		500	500
1397-94-0	Antimycin A	b	1,000	1,000/10,000
86-88-4	ANTU		100	500/10,000
1303-28-2	Arsenic Pentoxide		1	100/10,000
1327-53-3	Arsenous Oxide	d	1	100/10,000
7784-34-1	Arsenous Trichloride		1	500
7784-42-1	Arsine		100	100
2642-71-9	Azinphos-Ethyl		100	100/10,000
86-50-0	Azinphos-Methyl		1	10/10,000
98-87-3	Benzal Chloride		5,000	500
98-16-8	Benzenamine, 3-(Trifluoromethyl)-		500	500
100-14-1	Benzene, 1-(Chloromethyl)-4-Nitro-		500	500/10,000
98-05-5	Benzeneearsonic Acid		10	10/10,000
3615-21-2	Benzimidazole, 4,5-Dichloro-2-(Trifluoromethyl)-	c	500	500/10,000
98-07-7	Benzotrithloride		10	100
100-44-7	Benzyl Chloride		100	500
140-29-4	Benzyl Cyanide	d	500	500
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
534-07-6	Bis(Chloromethyl) Ketone		10	10/10,000
4044-65-9	Bitoscanate		500	500/10,000
10294-34-5	Boron Trichloride		500	500
7637-07-2	Boron Trifluoride		500	500
353-42-4	Boron Trifluoride Compound With Methyl Ether (1:1)		1,000	1,000
28772-56-7	Bromadiolone		100	100/10,000
7726-95-6	Bromine	f	500	500
1306-19-0	Cadmium Oxide		100	100/10,000
2223-93-0	Cadmium Stearate	b	1,000	1,000/10,000
7778-44-1	Calcium Arsenate		1	500/10,000
8001-35-2	Campechlor		1	500/10,000
56-25-7	Cantharidin		100	100/10,000
51-83-2	Carbachol Chloride		500	500/10,000
26419-73-8	Carbamic Acid, Methyl-, O-(((2,4-Dimethyl-1,3-Dithiolan-2-yl)(Methylene)Amino)-		100	100/10,000

Environmental Protection Agency

Pt. 355, App. A

[Alphabetical Order]

CAS No.	Chemical name	Notes	Reportable quantity* (pounds)	Threshold planning quantity (pounds)
1563-66-2	Carbofuran		10	10/10,000
75-15-0	Carbon Disulfide	f	100	10,000
786-19-6	Carbophenothion		500	500
57-74-9	Chlordane		1	1,000
470-90-6	Chlorfenvinfos		500	500
7782-50-5	Chlorine		10	100
24934-91-6	Chlormephos		500	500
999-81-5	Chlormequat Chloride	d	100	100/10,000
79-11-8	Chloroacetic Acid		100	100/10,000
107-07-3	Chloroethanol		500	500
627-11-2	Chloroethyl Chloroformate		1,000	1,000
67-66-3	Chloroform	f	10	10,000
542-88-1	Chloromethyl Ether	d	10	100
107-30-2	Chloromethyl Methyl Ether	b	10	100
3691-35-8	Chlorophacinone		100	100/10,000
1982-47-4	Chloroxuron		500	500/10,000
21923-23-9	Chlorthiophos	d	500	500
10025-73-7	Chromic Chloride		1	1/10,000
62207-76-5	Cobalt, ((2,2'-(1,2-Ethanediyilbis (Nitrilomethylidyne)) Bis(6-Fluorophenolato))(2-)-N,N',O,O')-		100	100/10,000
10210-68-1	Cobalt Carbonyl	d	10	10/10,000
64-86-8	Colchicine	d	10	10/10,000
56-72-4	Coumaphos		10	100/10,000
5836-29-3	Coumatetralyl		500	500/10,000
95-48-7	Cresol, o-		100	1,000/10,000
535-89-7	Crimidine	100	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		1,000	1,000/10,000
2636-26-2	Cyanophos		1,000	1,000
675-14-9	Cyanuric Fluoride		100	100
66-81-9	Cycloheximide		100	100/10,000
108-91-8	Cyclohexylamine	f	10,000	10,000
17702-41-9	Decaborane(14)		500	500/10,000
8065-48-3	Demeton		500	500
919-86-8	Demeton-S-Methyl		500	500
10311-84-9	Dialifor		100	100/10,000
19287-45-7	Diborane		100	100
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		10	500
814-49-3	Diethyl Chlorophosphate	d	500	500
71-63-6	Digitoxin	b	100	100/10,000
2238-07-5	Diglycidyl Ether		1,000	1,000
20830-75-5	Digoxin	d	10	10/10,000
115-26-4	Dimetfox		500	500
60-51-5	Dimethoate		10	500/10,000
2524-03-0	Dimethyl Phosphorochloridothioate		500	500
77-78-1	Dimethyl sulfate		100	500
75-78-5	Dimethyldichlorosilane	d	500	500
57-14-7	Dimethylhydrazine		10	1,000
99-98-9	Dimethyl-p-Phenylenediamine		10	10/10,000
644-64-4	Dimetilan		1	500/10,000
534-52-1	Dinitrocresol		10	10/10,000
88-85-7	Dinoseb		1,000	100/10,000
1420-07-1	Dinoterb		500	500/10,000
78-34-2	Dioxathion		500	500
82-66-6	Diphacinone		10	10/10,000
152-16-9	Diphosphoramidate, Octamethyl-		100	100
298-04-4	Disulfoton		1	500
514-73-8	Dithiazanine Iodide		500	500/10,000
541-53-7	Dithiobiuret		100	100/10,000
316-42-7	Emetine, Dihydrochloride	d	1	1/10,000
115-29-7	Endosulfan		1	10/10,000
2778-04-3	Endothion		500	500/10,000
72-20-8	Endrin		1	500/10,000
106-89-8	Epichlorohydrin	f	100	1,000
2104-64-5	EPN		100	100/10,000

[Alphabetical Order]

CAS No.	Chemical name	Notes	Reportable quantity * (pounds)	Threshold planning quantity (pounds)
50-14-6	Ergocalciferol	b	1,000	1,000/10,000
379-79-3	Ergotamine Tartrate		500	500/10,000
1622-32-8	Ethanesulfonyl Chloride, 2-Chloro-		500	500
10140-87-1	Ethanol, 1,2-Dichloro-, Acetate		1,000	1,000
563-12-2	Ethion		10	1,000
13194-48-4	Ethoprophos		1,000	1,000
538-07-8	Ethylbis(2-Chloroethyl)Amine	d	500	500
371-62-0	Ethylene Fluorohydrin	b, d	10	10
75-21-8	Ethylene Oxide	f	10	1,000
107-15-3	Ethylenediamine		5,000	10,000
151-56-4	Ethyleneimine		1	500
542-90-5	Ethylthiocyanate		10,000	10,000
22224-92-6	Fenamiphos		10	10/10,000
115-90-2	Fensulfothion	d	500	500
4301-50-2	Fluencil		100	100/10,000
7782-41-4	Fluorine	e	10	500
640-19-7	Fluoroacetamide		100	100/10,000
144-49-0	Fluoroacetic Acid		10	10/10,000
359-06-8	Fluoroacetyl Chloride	b	10	10
51-21-8	Fluorouracil		500	500/10,000
944-22-9	Fonofos		500	500
50-00-0	Formaldehyde	f	100	500
107-16-4	Formaldehyde Cyanohydrin	d	1,000	1,000
23422-53-9	Formetanate Hydrochloride	d	100	500/10,000
2540-82-1	Formthion		100	100
17702-57-7	Formparanate		100	100/10,000
21548-32-3	Fosthietan		500	500
3878-19-1	Fuberidazole		100	100/10,000
110-00-9	Furan		100	500
13450-90-3	Gallium Trichloride		500	500/10,000
77-47-4	Hexachlorocyclopentadiene	d	10	100
4835-11-4	Hexamethylenediamine, N,N'-Dibutyl-		500	500
302-01-2	Hydrazine		1	1,000
74-90-8	Hydrocyanic Acid		10	100
7647-01-0	Hydrogen Chloride (gas only)	f	5,000	500
7664-39-3	Hydrogen Fluoride		100	100
7722-84-1	Hydrogen Peroxide (Conc > 52%)	f	1,000	1,000
7783-07-5	Hydrogen Selenide		10	10
7783-06-4	Hydrogen Sulfide	f	100	500
123-31-9	Hydroquinone	f	100	500/10,000
13463-40-6	Iron, Pentacarbonyl-	f	100	100
297-78-9	Isobenzan		100	100/10,000
78-82-0	Isobutyronitrile	d	1,000	1,000
102-36-3	Isocyanic Acid, 3,4-Dichlorophenyl Ester		500	500/10,000
465-73-6	Isodrin		1	100/10,000
55-91-4	Isofluorophate	b	100	100
4098-71-9	Isophorone Diisocyanate	g	500	500
108-23-6	Isopropyl Chloroformate		1,000	1,000
119-38-0	Isopropylmethyl-pyrazolyl Dimethylcarbamate		100	500
78-97-7	Lactonitrile		1,000	1,000
21609-90-5	Leptophos		500	500/10,000
541-25-3	Lewisite	b, d	10	10
58-89-9	Lindane		1	1,000/10,000
7580-67-8	Lithium Hydride	a	100	100
109-77-3	Malononitrile		1,000	500/10,000
12108-13-3	Manganese, Tricarbonyl Methylcyclopentadienyl	d	100	100
51-75-2	Mechlorethamine	b	10	10
950-10-7	Mephosfolan		500	500
1600-27-7	Mercuric Acetate		500	500/10,000
7487-94-7	Mercuric Chloride		500	500/10,000
21908-53-2	Mercuric Oxide		500	500/10,000
10476-95-6	Methacrolein Diacetate		1,000	1,000
760-93-0	Methacrylic Anhydride		500	500
126-98-7	Methacrylonitrile	d	1,000	500
920-46-7	Methacryloyl Chloride		100	100
30674-80-7	Methacryloyloxyethyl Isocyanate	d	100	100
10265-92-6	Methamidophos		100	100/10,000
558-25-8	Methanesulfonyl Fluoride		1,000	1,000
950-37-8	Methidathion		500	500/10,000
2032-65-7	Methiocarb		10	500/10,000
16752-77-5	Methomyl	d	100	500/10,000

Environmental Protection Agency

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[Alphabetical Order]

CAS No.	Chemical name	Notes	Reportable quantity * (pounds)	Threshold planning quantity (pounds)
151-38-2	Methoxyethylmercuric Acetate		500	500/10,000
80-63-7	Methyl 2-Chloroacrylate		500	500
74-83-9	Methyl Bromide	f	1,000	1,000
79-22-1	Methyl Chloroformate	d	1,000	500
60-34-4	Methyl Hydrazine		10	500
624-83-9	Methyl Isocyanate		10	500
556-61-6	Methyl Isothiocyanate	a	500	500
74-93-1	Methyl Mercaptan	f	100	500
3735-23-7	Methyl Phenkapton		500	500
676-97-1	Methyl Phosphonic Dichloride	a	100	100
556-64-9	Methyl Thiocyanate		10,000	10,000
78-94-4	Methyl Vinyl Ketone		10	10
502-39-6	Methylmercuric Dicyanamide		500	500/10,000
75-79-6	Methyltrichlorosilane	d	500	500
1129-41-5	Metolcarb		1,000	100/10,000
7786-34-7	Mevinphos		10	500
315-18-4	Mexacarbate	d	1,000	500/10,000
50-07-7	Mitomycin C		10	500/10,000
6923-22-4	Monocrotophos		10	10/10,000
2763-96-4	Muscimol		1,000	500/10,000
505-60-2	Mustard Gas	d	500	500
13463-39-3	Nickel Carbonyl		10	1
54-11-5	Nicotine	b	100	100
65-30-5	Nicotine Sulfate		100	100/10,000
7697-37-2	Nitric Acid		1,000	1,000
10102-43-9	Nitric Oxide	b	10	100
98-95-3	Nitrobenzene	f	1,000	10,000
1122-60-7	Nitrocyclohexane		500	500
10102-44-0	Nitrogen Dioxide		10	100
62-75-9	Nitrosodimethylamine	d	10	1,000
991-42-4	Norbormide	100	100/10,000	
0Organorhodium Complex (PMN-82-147).		10	10/10,000.	
630-60-4	Quabain	b	100	100/10,000
23135-22-0	Oxamyl		100	100/10,000
78-71-7	Oxetane, 3,3-Bis(Chloromethyl)-		500	500
2497-07-6	Oxydisulfoton	d	500	500
10028-15-6	Ozone		100	100
1910-42-5	Paraquat Dichloride		10	10/10,000
2074-50-2	Paraquat Methosulfate		10	10/10,000
56-38-2	Parathion	b	10	100
298-00-0	Parathion-Methyl	b	100	100/10,000
12002-03-8	Paris Green		1	500/10,000
19624-22-7	Pentaborane		500	500
2570-26-5	Pentadecylamine		100	100/10,000
79-21-0	Peracetic Acid		500	500
594-42-3	Perchloromethylmercaptan		100	500
108-95-2	Phenol		1,000	500/10,000
4418-66-0	Phenol, 2,2'-Thiobis(4-Chloro-6-Methyl)-		100	100/10,000
64-00-6	Phenol, 3-(1-Methylethyl)-, Methylcarbamate		10	500/10,000
58-36-6	Phenoxarsine, 10,10'-Oxydi-		500	500/10,000
696-28-6	Phenyl Dichloroarsine	d	1	500
59-88-1	Phenylhydrazine Hydrochloride		1,000	1,000/10,000
62-38-4	Phenylmercury Acetate		100	500/10,000
2097-19-0	Phenylsilatrane	d	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	Phosgene	f	10	10
13171-21-6	Phosphamidon		100	100
7803-51-2	Phosphine		100	500
2703-13-1	Phosphonothioic Acid, Methyl-, O-Ethyl O-(4-(Methylthio) Phenyl) Ester.		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.		500	500
3254-63-5	Phosphoric Acid, Dimethyl 4-(Methylthio)Phenyl Ester.		500	500

[Alphabetical Order]

CAS No.	Chemical name	Notes	Reportable quantity * (pounds)	Threshold planning quantity (pounds)
2587-90-8	Phosphorothioic Acid, O,O-Dimethyl-S-(2-Methylthio) Ethyl Ester.	b, c	500	500
7723-14-0	Phosphorus	a, d	1	100
10025-87-3	Phosphorus Oxychloride		1,000	500
10026-13-8	Phosphorus Pentachloride	a	500	500
7719-12-2	Phosphorus Trichloride		1,000	1,000
57-47-6	Physostigmine		100	100/10,000
57-64-7	Physostigmine, Salicylate (1:1)		100	100/10,000
124-87-8	Picrotoxin		500	500/10,000
110-89-4	Piperidine		1,000	1,000
23505-41-1	Pirimifos-Ethyl		1,000	1,000
10124-50-2	Potassium Arsenite		1	500/10,000
151-50-8	Potassium Cyanide	a	10	100
506-61-6	Potassium Silver Cyanide	a	1	500
2631-37-0	Promecarb	d	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-	c	100	100/10,000
109-61-5	Propyl Chloroformate		500	500
75-56-9	Propylene Oxide	f	100	10,000
75-55-8	Propyleneimine		1	10,000
2275-18-5	Prothoate		100	100/10,000
129-00-0	Pyrene	b	5,000	1,000/10,000
140-76-1	Pyridine, 2-Methyl-5-Vinyl-		500	500
504-24-5	Pyridine, 4-Amino-	d	1,000	500/10,000
1124-33-0	Pyridine, 4-Nitro-,l-Oxide		500	500/10,000
53558-25-1	Pyriminil	d	100	100/10,000
14167-18-1	Salcomine		500	500/10,000
107-44-8	Sarin	d	10	10
7783-00-8	Selenious Acid		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	Sodium Arsenite		1	500/10,000
26628-22-8	Sodium Azide (Na(N <sub>3</sub> ))	a	1,000	500
124-65-2	Sodium Cacodylate		100	100/10,000
143-33-9	Sodium Cyanide (Na(CN))	a	10	100
62-74-8	Sodium Fluoroacetate		10	10/10,000
13410-01-0	Sodium Selenate		100	100/10,000
10102-18-8	Sodium Selenite	d	100	100/10,000
10102-20-2	Sodium Tellurite		500	500/10,000
900-95-8	Stannane, Acetoxytriphenyl-	c	500	500/10,000
57-24-9	Strychnine	b	10	100/10,000
60-41-3	Strychnine Sulfate		10	100/10,000
3689-24-5	Sulfotep		100	500
3569-57-1	Sulfoxide, 3-Chloropropyl Octyl		500	500
7446-09-5	Sulfur Dioxide	f	500	500
7783-60-0	Sulfur Tetrafluoride		100	100
7446-11-9	Sulfur Trioxide	a	100	100
7664-93-9	Sulfuric Acid		1,000	1,000
77-81-6	Tabun	b, d	10	10
7783-80-4	Tellurium Hexafluoride	e	100	100
107-49-3	TEPP		10	100
13071-79-9	Terbufos	d	100	100
78-00-2	Tetraethyllead	b	10	100
597-64-8	Tetraethyltin	b	100	100
75-74-1	Tetramethylead	b, f	100	100
509-14-8	Tetranitromethane		10	500
10031-59-1	Thallium Sulfate	d	100	100/10,000
6533-73-9	Thallos Carbonate	b, d	100	100/10,000
7791-12-0	Thallos Chloride	b, d	100	100/10,000
2757-18-8	Thallos Malonate	b, d	100	100/10,000
7446-18-6	Thallos Sulfate		100	100/10,000
2231-57-4	Thiocarbazide		1,000	1,000/10,000
39196-18-4	Thiofanox		100	100/10,000
297-97-2	Thionazin		100	500
108-98-5	Thiophenol		100	500
79-19-6	Thiosemicarbazide		100	100/10,000



Environmental Protection Agency

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[Alphabetical Order]

CAS No.	Chemical name	Notes	Reportable quantity * (pounds)	Threshold planning quantity (pounds)
5344-82-1	Thiourea, (2-Chlorophenyl)-		100	100/10,000
614-78-8	Thiourea, (2-Methylphenyl)-		500	500/10,000
7550-45-0	Titanium Tetrachloride		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	d	500	500
327-98-0	Trichloronate	e	500	500
98-13-5	Trichlorophenylsilane	d	500	500
1558-25-4	Trichloro(Chloromethyl)Silane		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	d	100	100/10,000
1066-45-1	Trimethyltin Chloride	500	500/10,000	
639-58-7	Triphenyltin Chloride		500	500/10,000
555-77-1	Tris(2-Chloroethyl)Amine	d	100	100
2001-95-8	Valinomycin	b	1,000	1,000/10,000
1314-62-1	Vanadium Pentoxide		1,000	100/10,000
108-05-4	Vinyl Acetate Monomer	f	5,000	1,000
81-81-2	Warfarin		100	500/10,000
129-06-6	Warfarin Sodium	d	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	a	100	500

\* 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.

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	Isofluorophate	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