



U.S. Department of Homeland Security

# CSAT Top-Screen

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## Questions



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## General

The Department of Homeland Security will use the information you provide in this Top-screen/Chemical Security Assessment Tool to determine whether particular facilities present a high level of security risk. Your provision of accurate information in this Top-screen is critical to enabling the Department to make well informed decisions designed to reduce the Nation's risk.

The Department will base its determinations, in part, upon the information provided in this Top-screen/Chemical Security Assessment Tool. The information provided in the Top-screen/Chemical Security Assessment Tool will not, therefore, be the sole or definitive basis upon which the Department will categorize facilities as presenting a high level of security risk.

In the first part of the Top-screen/Chemical Security Assessment Tool, the Department seeks information concerning the presence and amounts of certain chemicals. The presence or amount of a particular chemical is not the sole factor in determining whether a facility presents a high level of security risk. This information informs the subsequent parts of the Department's assessment. The Department will use its best judgment and all available information in determining whether a facility presents a high level of security risk.

The public reporting burden for this form is estimated to be 30.3 hours. The burden estimate includes time for reviewing instructions, researching existing data sources, gathering and maintaining the needed data, and completing and submitting the form. Send comments regarding the accuracy of the burden estimate and any suggestions for reducing the burden to: Information Collections Management, Attention: Sabrina Nelson, DHS Desk Officer, U.S. Department of Homeland Security, GSA Bldg, 7th & D Street. SW mail Stop 3725-1 Washington, D.C. 20528 (Paperwork Reduction Project (1670\_0007)). Your response is mandatory according to Public Law 109- 295 Section 550. You are not required to respond to this collection of information unless a valid OMB control number is displayed in the upper right corner of this form. NOTE: DO NOT send your completed form to this address.

### Facility Name

Facility Name  
[Q:1.0-66]

▲ Provide the name of the facility. The name must be specific to the site; if the site is part of a large corporation, the name may be the corporate name plus the location (for example, 'ABC Oil/Refining - Hightown Plant')



## Alternative Facility

**Name** [Q:1.0-62]

Provide alternative names under which the facility may be known

## Facility Description

**NAICS Code for the Facility** [Q:1.1-63]

▲ Provide the five- or six-digit NAICS Industry code that corresponds most closely to the primary activity of this facility as a whole. NAICS codes are maintained by the U.S. Census Bureau. For a list of the codes see <http://www.census.gov/epcd/naics02/naicod02.htm>.

**Facility Data Universal Numbering System (DUNS)** [Q:1.1-64]

▲ Enter the nine digit Data Universal Numbering System (DUNS) identification code for the facility itself. If the facility does not have a DUNS number, leave this data element blank. Explain: The Data Universal Numbering System (DUNS) Number is a unique nine character identification number provided by Duns & Bradstreet (D&B). The DUNS Number is site-specific and division-specific. Therefore, each physical location of an entity will have its own DUNS Number. If the facility doesn't have a DUNS number, leave this field blank.

**Choose the facility type that best describes your facility** [Q:1.1-65]

- Chemical manufacturing, usage, storage, and distribution
- Petroleum refining
- LNG storage

## Facility Location

**Facility Location Address** [Q:1.1-68]

▲ Enter the street address of the facility's physical location. [Note: This may be different from the mailing address.] Use local street and road designations, not post office or rural box numbers.



**Facility Location  
Address (continued)**  
[Q:1.1-69]

**Facility Location  
Address (continued)**  
[Q:1.1-70]

▲ Enter any additional street data for the facility's physical location.  
[Note: This may be different from the mailing address.] Use local street  
and road designations, not post office or rural box numbers.

**Facility Location City**  
[Q:1.1-71]

▲ Enter the city of the facility's physical location.  
[Note: This may be different from the mailing address.]

**Facility Location  
State** [Q:1.1-72]

▲ Select the state of the facility's physical location.  
[Note: This may be different from the mailing address.]

**Facility Location ZIP  
Code** [Q:1.1-73]

▲ Enter the ZIP Code (including the 4 digit extension, if applicable) of  
the facility's physical location. For example, XXXXX or XXXXX-XXXX  
are valid ZIP Code formats.  
[Note: This may be different from the mailing address.]

**Facility Latitude**  
[Q:1.1-591]

▲ Enter the latitudinal coordinate of the **center of the facility** in decimal  
degrees (XX.XXXXXX).

**Facility Longitude**  
[Q:1.1-75]

▲ Enter the longitudinal coordinate of the **center of the facility** in  
decimal degrees. Longitude should begin with a negative sign with no  
space before the coordinates (-XX.XXXXXX).



Enter the name of the county or equivalent jurisdiction (borough, parish) in which the facility is located. If the facility is located in more than one jurisdiction, enter all appropriate names.

[Q:1.1-76]

### Facility Owner or Operator

Who is the Owner of the facility? [Q:1.2-78]

▲ The Owner is the person or entity that owns a facility. This may be a person, company, cooperative, state, municipality, etc. This may be different from the Operator.

Who is the Operator of the facility? [Q:1.2-594]

▲ The Operator is the person who has responsibility for the daily operations of a facility. This may be a person, company, cooperative, state, municipality, etc. This may be different from the Owner.

### Facility Regulatory Mandates

Is the facility site regulated pursuant to the Maritime Transportation Security Act of 2002, Public Law 107-295, as amended?

[Q:1.3-85]

- Yes, the facility is regulated pursuant to MTSA.
- No, the facility is not regulated pursuant to MTSA
- Partially: The site includes both a facility regulated pursuant to MTSA and a facility not regulated pursuant to MTSA.

▲ If the site includes both a facility regulated pursuant to the Maritime Transportation Security Act of 2002, Public Law 107-295, as amended, and a facility not regulated pursuant to the Maritime Transportation Security Act, select "Partially" and continue to fill out the screen for the facility not subject to the Maritime Transportation Security Act.



**Is the facility regulated pursuant to Public Water Systems, as defined by section 1401 of the Safe Drinking Act, Public Law 93-523, as amended?**

[Q:1.3-86]

- Yes, the facility is a Public Water System.
- No, the facility is not a Public Water System.
- Partially: the facility contains a Public Water System regulated under the Safe Drinking Water Act, but also contains components that are not so regulated.

▲ If the facility contains a Public Water System regulated under the Safe Drinking Water Act, but also contains components not so regulated, select "Partially" and continue to fill out the screen for the portion of the facility not regulated under the Safe Drinking Water Act.

**Is the facility regulated as a Treatment Works as defined in section 212 of the Federal Water Pollution Control Act, Public Law 92-500, as amended?**

[Q:1.3-87]

- Yes, the facility is regulated as a Treatment Works.
- No, the facility is not regulated as a Treatment Works.
- Partially: the site contains Treatment Works regulated under the Federal Water Pollution Control Act, but also contains a facility or portion of a facility not so regulated.

▲ If the site contains Treatment Works regulated under the Federal Water Pollution Control Act, but also contains a facility or portion of a facility not so regulated, select "Partially" and continue to fill out the screen for the facility or portion of the facility not regulated under the Federal Water Pollution Control Act.

**Is the facility owned or operated by the Department of Defense?**

[Q:1.3-88]

- Yes
- No

▲ For further information or discussion of this type of exemption, please refer to the Interim Final Rule.

**Is the facility owned or operated by the Department of Energy?**

[Q:1.3-89]

- Yes
- No

▲ For further information or discussion of this type of exemption, please refer to the Interim Final Rule.



**Is the facility subject to regulation by the Nuclear Regulatory Commission?**

[Q:1.3-90]

- Yes
- No

▲ For further information or discussion of this type of exemption, please refer to the Interim Final Rule.

**EPA Facility Identifier**

**Does the facility operate any EPA RMP covered process(es) - Program 1, 2, or 3?**

[Q:1.41-395]

- Yes
- No

▲ Program 1, 2, and 3 processes are those determined under RMP. See 40 CFR 68.10(b), (c), and (d), or Chapter 2 or EPA's General Guidance for Risk Management Programs (40 CFR 68). <http://yosemite.epa.gov/oswer/ceppoweb.nsf/content/index.html>

*If Yes, fill in EPA Facility Identifier number*

**Provide the EPA Facility Identifier, a unique, 12-digit number assigned to the facility by the RMP Reporting Center after the first RMP submission. The RMP Report Center included this number in their acknowledgment letter to your facility.**

[Q:1.42-396]

**EPA Facility Identifier**

**Co-Located Facility**

**Specify if the facility is a host to a co-located tenant facility, is a co-located tenant facility itself, or if this is not applicable.**

[Q:1.43-397]

- Facility is host to a co-located tenant facility
- Facility is a co-located tenant facility
- Not applicable

▲ A facility that is co-located shares a site with another company's facility through either a host or a tenant agreement. If a facility does not share a site with another company's facility it is the sole tenant.





If facility is host or tenant:

Enter the name of the host or tenant facility and its corresponding EPA Facility Identifier.

Host/Tenant Facility

[Q:1.44-398]

Host/Tenant EPA  
Facility Identifier

[Q:1.44-399]

### Additional Facility Information

Enter the number of full-time employees and contractors.

Number of Full Time  
Employees

[Q:1.45-400]

▲ The number should represent the typical maximum number of employees/full-time contractors onsite at any given time. Do not include occasional times of a higher onsite workforce, such as turnarounds, in this estimate.

### Parent Company Name and Data Universal Numbering System (DUNS)

The parent company is the corporation or other business entity that owns at least 50 percent of the voting stock of the company. If the facility is owned by a joint venture, enter the first of the two major owners here. If the company does not have a parent company, leave these fields blank.

Parent Company 1  
Name [Q:1.45-432]

Parent Company 1  
DUNS [Q:1.45-433]

Parent Company 2  
Name [Q:1.45-434]

Parent Company 2  
DUNS [Q:1.45-435]



## Security Vulnerability Assessment (SVA)

**Has a security vulnerability assessment been conducted for this facility?**

[Q:1.47-436]

- Yes
- No

▲ A Security Vulnerability Assessment (SVA), enables the identification of security hazards, threats, and the evaluation of security countermeasures and vulnerabilities.

*If Yes, answer Security Vulnerability Assessment Fields*

## Security Vulnerability Assessment (SVA) methodology

**Select the methodology used for the most recent security vulnerability assessment.**

Explain: Name of the methodology used for the most recent security vulnerability assessment.

[Q:1.48-438]

- CCPS (Center for Chemical Process Safety)  
*If selected, go to SVA Date*
- CCPS-Equivalent  
*If selected, go to CCPS Equivalent Methodology*
- Sandia VAM  
*If selected, go to SVA Date*
- Other  
*If selected, go to SVA Other Methodology*

## CCPS Equivalent Methodology

**Provide the name of the CCPS Certified SVA methodology that was used to conduct the most recent assessment only.**

Select the name of the vulnerability methodology that was most recently conducted for this facility. The typical methodologies have been used in this industry are presented. If CCPS-equivalent or other is selected, please indicate the name of the security vulnerability assessment methodology.

- Air Products and Chemicals SVA
- API/NPRA (For petroleum sites only)
- Asmark SVA (Ag chemical distributors only)
- Bayer SVA
- BASF SVA
- ExxonMobil SSQRA



- FMC SVA
- Georgia-Pacific SHA
- Marathon Ashland Petroleum
- National Paint and Coatings Association (For paint and coatings formulators only)
- PPG SVA
- SOCMA (Manual method must be used)
- SRM (Chemical Extended Version by Straec)
- SVA-Pro by Dyadem

Go to SVA Date

### SVA Other Methodology

Enter the Name of the SVA Methodology

SVA methodology [Q:1.482-653]

### SVA Date

Enter the date when the most recent security vulnerability assessment of this facility was completed.

Date of the most recent security vulnerability assessment [Q:1.483-654]

▲ The response format is **mm/dd/yyyy**.  
(e.g. May 1, 2006 is entered as 05/01/2006.)

If the answer to question [Q:1.1-65], "Choose the facility type that best describes your facility" is Refinery, fill in Refinery Capacity, Refinery Market Share, Airport Fuels Supplier, and Military Installation Supplier fields.

If the answer to question [Q:1.1-65], "Choose the facility type that best describes your facility" is LNG, fill in LNG Capacity and LNG Exclusion Zone fields

If facility is a chemical facility, go to **Release of Toxics** (page 16)

### Refinery Capacity

Enter the normal (typical operating) and name plate design (maximum operating) crude oil capacity of the refinery in barrels per day.

Typical Operating Capacity (bpd) [Q:1.5-386]



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**Maximum Design Capacity (bpd)**

[Q:1.5-387]

**For each of the potential refinery crude sources (e.g., ship, pipeline, strategic petroleum reserve (SPR), rail, and truck) enter the typical contribution as a percentage of the total barrels per day.**

**Crude % by Ship/Barge**

[Q:1.5-388]

**Crude % by Pipeline**

[Q:1.5-389]

**Crude % by SPR**

[Q:1.5-390]

**Crude % by Rail**

[Q:1.5-391]

**Crude % by Truck**

[Q:1.5-392]

## Refinery Market Share

**Enter the regional market shares (%) for each fuel type and description of state/region supplied. (Gasoline, Diesel, Jet Fuel/Kerosene, LPG, Home Heating Oil). State/region supplied can include the states or areas of the US where the refinery's products are sold.**

**Gasoline Market Share**

[Q:1.51-655]

**Region**

**Diesel Market Share**

[Q:1.51-657]

**Region**

**Jet Fuel/Kerosene Market Share**

[Q:1.51-659]

**Region**

**LPG Market Share**

[Q:1.51-661]

**Region**

**Home Heating Oil Market Share**

[Q:1.51-663]

**Region**



**Airport Fuels Supplier**

**Is the refinery a direct supplier to a major metropolitan airport?**

[Q:1.52-374]

- Yes
- No

*If "Yes", fill in Airport(s)*

**For each listed airport, enter the refinery's share (0% to 100%) of total deliveries of Aviation Gasoline (Avgas) and Jet Fuel/Kerosene to the airport.**

**Airport Name**

[Q:1.53-375]

**% Share of Aviation Gasoline**

[Q:1.53-376]

**% Share of Jet Fuel/Kerosene**

[Q:1.53-378]


**Military Installation Supplier**

**Is the refinery a direct supplier to a military installation (products shipped from refinery to the installation)?**

[Q:1.54-380]

- Yes
- No

*If "Yes", fill in Installation(s) and Product(s)*

**Military Installation and Products**

**Military Installation**

[Q:1.55-381]

**% Share of Gasoline**

[Q:1.55-382]

**% Share of Diesel**

[Q:1.55-383]

**% Share of Jet Fuel/Kerosene**

[Q:1.55-384]




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Go to [Release of Toxics](#) (page 16)

### LNG Capacity

**Enter the total LNG storage capacity for the facility (in cubic meters).**

[Q:1.6-618]

▲ If there are multiple LNG storage tanks onsite the capacity reported is the total storage capacity of all LNG tanks.

**Enter the regasification rate (billion cubic feet (Bcf) per day).**

[Q:1.6-619]

▲ Regasification rate should be the annual average reported in Bcf per day.

**Enter the name of the natural gas pipeline system the facility feeds.**

[Q:1.6-620]

▲ The name of the natural gas pipeline system should be the name of the main tie-in point from this facility.

### LNG Exclusion Zone

**Indicate if this facility was sited according to the 49 CFR 193 exclusion zone requirements for thermal radiation and flammable vapor dispersion.**

[Q:1.92-667]

Yes

No

▲ 49 CFR 193 incorporates NFPA 59A by reference. As defined in NFPA 59A, the siting requirements are provisions to minimize the possibility of the damaging effects of fire reaching beyond a property line. Refer to the downloadable guidance on the DHS website for the specific requirements.



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If "No", provide a reason why the facility was exempted.

**Provide the reason why the facility was exempted from this regulation.**

[Q:1.91-669]

**Provide the distance (in feet) of the 5kW/m<sup>2</sup> thermal radiation zone using the 49 CFR 193 siting requirements.**

[Q:1.93-670]

 Feet

**Provide the distance (in feet) to half the Lower Flammability Limit (1/2 LFL) using the 49 CFR 193 siting requirements.**

[Q:1.93-671]

 Feet

Go to [Release of Toxics](#) (page 16)



## Release of Toxics

### Toxic Chemicals of Concern

The presence or amount of a particular chemical is not the sole factor in determining whether a facility presents a high level of security risk. This information informs the subsequent parts of the Department's assessment. The Department will use its best judgment and all available information in determining whether a facility presents a high level of security risk.

Do you manufacture, process, use, store, or distribute any of the following toxic chemicals at your facility? Check "Yes" if the chemical is present on site at or above the screening threshold quantity.

*(The default settings on this list indicate that the chemicals are NOT present on site. At the end of the list, you must indicate that these settings have been changed as needed for your facility.)*

These chemicals were determined by the US Department of Homeland Security to be a potential security risk at "high risk chemical facilities" as defined in Section 550 the Department of Homeland Security Act of 2007. Chemicals should be selected if they were on site at or above the screening threshold quantity at any time over the past 12 months.

If "No" selected for all chemicals, go to [Release of Flammables](#) (page 27)

[Q:2.0-121]

Chemical Name	CAS#	Screening Threshold Quantity	Yes	No
Acrolein [2-Propenal]	107-02-8	3,750 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Allyl alcohol [2-Propen-1-ol]	107-18-6	11,250 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Ammonia (anhydrous)	7664-41-7	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Ammonia (conc. 20% or greater) relative density less than 0.880 at 15 degrees C in water, with more than 50 percent ammonia	7664-41-7	15,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Arsenous trichloride [Arsenic trichloride]	7784-34-1	11,250 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Arsine	7784-42-1	750 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Boron trichloride [Borane, trichloro]	10294-34-5	3,750 lbs	<input type="checkbox"/>	<input type="checkbox"/>





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Chemical Name	CAS#	Screening Threshold Quantity	Yes	No
Boron trifluoride [Borane, trifluoro]	7637-07-2	3,750 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Boron trifluoride compound with methyl ether (1:1) [Boron, trifluoro [oxybis (methane)]-, T-4-]	353-42-4	11,250 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Bromine	7726-95-6	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Carbon disulfide	75-15-0	15,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Chlorine	7782-50-5	1,875 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Chlorine dioxide [Chlorine oxide, (ClO <sub>2</sub> )]	10049-04-4	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Chloroform [Methane, trichloro-]	67-66-3	15,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Chloromethyl ether [Methane, oxybis(chloro-)]	542-88-1	750 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Chloromethyl methyl ether [Methane, chloromethoxy-]	107-30-2	3,750 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Cyanogen chloride	506-77-4	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Cyclohexylamine [Cyclohexanamine]	108-91-8	11,250 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Diborane	19287-45-7	1,875 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Epichlorohydrin [Oxirane, (chloromethyl)-]	106-89-8	15,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Ethylenediamine [1,2-Ethanediamine]	107-15-3	15,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Fluorine	7782-41-4	750 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Formaldehyde (solution)	50-00-0	11,250 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Hydrochloric acid (conc. 37% or greater)	7647-01-0	11,250 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Hydrocyanic acid	74-90-8	1,875 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Hydrogen chloride (anhydrous) [Hydrochloric acid]	7647-01-0	3,750 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Hydrogen fluoride/Hydrofluoric acid (conc. 50% or greater) [Hydrofluoric acid]	7664-39-3	750 lbs	<input type="checkbox"/>	<input type="checkbox"/>



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Chemical Name	CAS#	Screening Threshold Quantity	Yes	No
Hydrogen sulfide	7783-06-4	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Isobutyronitrile [Propanenitrile, 2-methyl-]	78-82-0	15,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Isopropyl chloroformate [Carbonochloridic acid, 1-methylethyl ester]	108-23-6	11,250 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Methacrylonitrile [2-Propenenitrile, 2-methyl-]	126-98-7	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Methyl hydrazine [Hydrazine, methyl-]	60-34-4	11,250 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Methyl isocyanate [Methane, isocyanato-]	624-83-9	11,250 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Methyl thiocyanate [Thiocyanic acid, methyl ester]	556-64-9	15,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Nitric acid	7697-37-2	11,250 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Nitric oxide [Nitrogen oxide (NO)]	10102-43-9	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Oleum (Fuming Sulfuric acid) [Sulfuric acid, mixture with sulfur trioxide]	8014-95-7	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Perchloromethylmercaptan [Methanesulfonyl chloride trichloro-]	594-42-3	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Phosgene [Carbonic dichloride]	75-44-5	375 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Phosphorus oxychloride [Phosphoryl chloride]	10025-87-3	3,750 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Phosphorus trichloride [Phosphorous trichloride]	7719-12-2	11,250 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Propionitrile [Propanenitrile]	107-12-0	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Propyleneimine [Aziridine, 2-methyl-]	75-55-8	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Sulfur dioxide (anhydrous)	7446-09-5	3,750 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Sulfur tetrafluoride [Sulfur flouride (SF <sub>4</sub> ), (T-4)-]	7783-60-0	1,875 lbs	<input type="checkbox"/>	<input type="checkbox"/>



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Chemical Name	CAS#	Screening Threshold Quantity	Yes	No
Sulfur trioxide	7446-11-9	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Tetramethyllead [Plumbane, tetramethyl-]	75-74-1	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Titanium tetrachloride [Titanium chloride (TiCl <sub>4</sub> ) (T-4)-]	7550-45-0	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Toluene 2,4-diisocyanate [Benzene, 2,4-diisocyanato-1-methyl-]	584-84-9	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Toluene 2,6-diisocyanate [Benzene, 1,3-diisocyanato-2-methyl-]	91-08-7	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Toluene diisocyanate (unspecified isomer) [Benzene, 1,3-diisocyanatomethyl-]	26471-62-5	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>

**The list above has been reviewed and all chemicals present on site at or above the screening threshold quantity have been indicated by selecting "Yes."**

[Q:2.0-631]

- Yes
- No

## Toxic Chemicals Present On Site

**Indicate the topography used in the RMP\*Comp calculation for the area where the facility is located.**

[Q:2.1-122]

- Urban
- Rural

▲ If this facility is covered by EPA RMP, the selection should be the same as that reported to EPA. For all other facilities, if the site is located in an area with few buildings or other obstructions, select Rural. If the site is in an urban location, or is in an area with many obstructions, select Urban.

**Enter the total onsite quantity for the chemical (pounds). Enter the distance of concern reported by RMP\*Comp (miles).**

Enter the highest amount (rounded to hundreds of pounds) that is expected to be at your facility at any time in a 12-month period. The Distance of Concern that should be reported is the downwind distance calculated using RMP\*Comp for total onsite quantity of the regulated chemical, using additional process conditions for this chemical. Report all distances shorter than



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0.1 mile as 0.1 mile, and all distances 25 miles or longer as 25 miles. (RMP\*Comp can be downloaded from <http://yosemite.epa.gov/oswer/ceppoweb.nsf/content/comp-dwn.htm>)

Chemical Name	CAS#	Screening Threshold Quantity	Total Onsite Quantity (pounds) [Q:2.1-124]	Distance of Concern (miles) [Q:2.1-126]
Acrolein [2-Propenal]	107-02-8	3,750 lbs		
Allyl alcohol [2-Propen-1-ol]	107-18-6	11,250 lbs		
Ammonia (anhydrous)	7664-41-7	7,500 lbs		
Ammonia (conc. 20% or greater relative density less than 0.880 at 15 degrees C in water, with more than 50 percent ammonia)	7664-41-7	15,000 lbs		
Arsenous trichloride [Arsenic trichloride]	7784-34-1	11,250 lbs		
Arsine	7784-42-1	750 lbs		
Boron trichloride [Borane, trichloro]	10294-34-5	3,750 lbs		
Boron trifluoride [Borane, trifluoro]	7637-07-2	3,750 lbs		
Boron trifluoride compound with methyl ether (1:1) [Boron, trifluoro [oxybis (methane)]-, T-4-]	353-42-4	11,250 lbs		
Bromine	7726-95-6	7,500 lbs		
Carbon disulfide	75-15-0	15,000 lbs		
Chlorine	7782-50-5	1,875 lbs		
Chlorine dioxide [Chlorine oxide, (ClO <sub>2</sub> )]	10049-04-4	2,000 lbs		
Chloroform [Methane, trichloro-]	67-66-3	15,000 lbs		
Chloromethyl ether [Methane, oxybis(chloro-)]	542-88-1	750 lbs		



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Chemical Name	CAS#	Screening Threshold Quantity	Total Onsite Quantity (pounds) [Q:2.1-124]	Distance of Concern (miles) [Q:2.1-126]
Chloromethyl methyl ether [Methane, chloromethoxy-]	107-30-2	3,750 lbs		
Cyanogen chloride	506-77-4	7,500 lbs		
Cyclohexylamine [Cyclohexanamine]	108-91-8	11,250 lbs		
Diborane	19287-45-7	1,875 lbs		
Epichlorohydrin [Oxirane, (chloromethyl)-]	106-89-8	15,000 lbs		
Ethylenediamine [1,2-Ethanediamine]	107-15-3	15,000 lbs		
Fluorine	7782-41-4	750 lbs		
Formaldehyde (solution)	50-00-0	11,250 lbs		
Hydrochloric acid (conc. 37% or greater)	7647-01-0	11,250 lbs		
Hydrocyanic acid	74-90-8	1,875 lbs		
Hydrogen chloride (anhydrous) [Hydrochloric acid]	7647-01-0	3,750 lbs		
Hydrogen fluoride/Hydrofluoric acid (conc. 50% or greater) [Hydrofluoric acid]	7664-39-3	750 lbs		
Hydrogen sulfide	7783-06-4	7,500 lbs		
Isobutyronitrile [Propanenitrile, 2-methyl-]	78-82-0	15,000 lbs		
Isopropyl chloroformate [Carbonochloridic acid, 1-methylethyl ester]	108-23-6	11,250 lbs		
Methacrylonitrile [2-Propenenitrile, 2-methyl-]	126-98-7	7,500 lbs		
Methyl hydrazine [Hydrazine, methyl-]	60-34-4	11,250 lbs		
Methyl isocyanate [Methane, isocyanato-]	624-83-9	11,250 lbs		



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Chemical Name	CAS#	Screening Threshold Quantity	Total Onsite Quantity (pounds) [Q:2.1-124]	Distance of Concern (miles) [Q:2.1-126]
Methyl thiocyanate [Thiocyanic acid, methyl ester]	556-64-9	15,000 lbs		
Nitric acid	7697-37-2	11,250 lbs		
Nitric oxide [Nitrogen oxide (NO)]	10102-43-9	7,500 lbs		
Oleum (Fuming Sulfuric acid) [Sulfuric acid, mixture with sulfur trioxide]	8014-95-7	7,500 lbs		
Perchloromethylmercaptan [Methanesulfenyl chloride trichloro-]	594-42-3	7,500 lbs		
Phosgene [Carbonic dichloride]	75-44-5	375 lbs		
Phosphorus oxychloride [Phosphoryl chloride]	10025-87-3	3,750 lbs		
Phosphorus trichloride [Phosphorous trichloride]	7719-12-2	11,250 lbs		
Propionitrile [Propanenitrile]	107-12-0	7,500 lbs		
Propyleneimine [Aziridine, 2-methyl-]	75-55-8	7,500 lbs		
Sulfur dioxide (anhydrous)	7446-09-5	3,750 lbs		
Sulfur tetrafluoride [Sulfur flouride (SF <sub>4</sub> ), (T-4)-]	7783-60-0	1,875 lbs		
Sulfur trioxide	7446-11-9	7,500 lbs		
Tetramethyllead [Plumbane, tetramethyl-]	75-74-1	7,500 lbs		
Titanium tetrachloride [Titanium chloride (TiCl <sub>4</sub> ) (T-4)-]	7550-45-0	2,000 lbs		
Toluene 2,4-diisocyanate [Benzene, 2,4-diisocyanato-1-methyl-]	584-84-9	7,500 lbs		



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Chemical Name	CAS#	Screening Threshold Quantity	Total Onsite Quantity (pounds) [Q:2.1-124]	Distance of Concern (miles) [Q:2.1-126]
Toluene 2,6-diisocyanate [Benzene, 1,3-diisocyanato-2-methyl-]	91-08-7	7,500 lbs		
Toluene diisocyanate (unspecified isomer) [Benzene, 1,3-diisocyanatomethyl-]	26471-62-5	7,500 lbs		

**Enter the quantity of the toxic chemical of concern in the Area of Highest Quantity (in hundreds of pounds). Enter the distance of concern reported by RMP\*Comp (miles) for the Area of Highest Quantity (AHQ).**

The Area of Highest Quantity (AHQ) is defined as an onsite area, with a radius of 170 feet, where the greatest amount (rounded to hundreds of pounds) of the toxic chemical of concern is expected to be located at any time in a 12-month period. This amount may differ from the total onsite quantity.

Chemical Name	CAS#	Screening Threshold Quantity	Quantity in AHQ (pounds) [Q:2.2-2792]	Distance of Concern for AHQ (miles) [Q:2.2-2793]
Acrolein [2-Propenal]	107-02-8	3,750 lbs		
Allyl alcohol [2-Propen-1-ol]	107-18-6	11,250 lbs		
Ammonia (anhydrous)	7664-41-7	7,500 lbs		
Ammonia (conc. 20% or greater) relative density less than 0.880 at 15 degrees C in water, with more than 50 percent ammonia	7664-41-7	15,000 lbs		
Arsenous trichloride [Arsenic trichloride]	7784-34-1	11,250 lbs		
Arsine	7784-42-1	750 lbs		
Boron trichloride [Borane, trichloro]	10294-34-5	3,750 lbs		
Boron trifluoride [Borane, trifluoro]	7637-07-2	3,750 lbs		



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Chemical Name	CAS#	Screening Threshold Quantity	Quantity in AHQ (pounds) [Q:2.2-2792]	Distance of Concern for AHQ (miles) [Q:2.2-2793]
Boron trifluoride compound with methyl ether (1:1) [Boron, trifluoro [oxybis (methane)]-,T-4-]	353-42-4	11,250 lbs		
Bromine	7726-95-6	7,500 lbs		
Carbon disulfide	75-15-0	15,000 lbs		
Chlorine	7782-50-5	1,875 lbs		
Chlorine dioxide [Chlorine oxide, (ClO <sub>2</sub> )]	10049-04-4	2,000 lbs		
Chloroform [Methane, trichloro-]	67-66-3	15,000 lbs		
Chloromethyl ether [Methane, oxybis(chloro-)]	542-88-1	750 lbs		
Chloromethyl methyl ether [Methane, chloromethoxy-]	107-30-2	3,750 lbs		
Cyanogen chloride	506-77-4	7,500 lbs		
Cyclohexylamine [Cyclohexanamine]	108-91-8	11,250 lbs		
Diborane	19287-45-7	1,875 lbs		
Epichlorohydrin [Oxirane, (chloromethyl)-]	106-89-8	15,000 lbs		
Ethylenediamine [1,2-Ethanediamine]	107-15-3	15,000 lbs		
Fluorine	7782-41-4	750 lbs		
Formaldehyde (solution)	50-00-0	11,250 lbs		
Hydrochloric acid (conc. 37% or greater)	7647-01-0	11,250 lbs		
Hydrocyanic acid	74-90-8	1,875 lbs		
Hydrogen chloride (anhydrous) [Hydrochloric acid]	7647-01-0	3,750 lbs		





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Chemical Name	CAS#	Screening Threshold Quantity	Quantity in AHQ (pounds) [Q:2.2-2792]	Distance of Concern for AHQ (miles) [Q:2.2-2793]
Hydrogen fluoride/Hydrofluoric acid (conc. 50% or greater) [Hydrofluoric acid]	7664-39-3	750 lbs		
Hydrogen sulfide	7783-06-4	7,500 lbs		
Isobutyronitrile [Propanenitrile, 2-methyl-]	78-82-0	15,000 lbs		
Isopropyl chloroformate [Carbonochloridic acid, 1-methylethyl ester]	108-23-6	11,250 lbs		
Methacrylonitrile [2-Propenenitrile, 2-methyl-]	126-98-7	7,500 lbs		
Methyl hydrazine [Hydrazine, methyl-]	60-34-4	11,250 lbs		
Methyl isocyanate [Methane, isocyanato-]	624-83-9	11,250 lbs		
Methyl thiocyanate [Thiocyanic acid, methyl ester]	556-64-9	15,000 lbs		
Nitric acid	7697-37-2	11,250 lbs		
Nitric oxide [Nitrogen oxide (NO)]	10102-43-9	7,500 lbs		
Oleum (Fuming Sulfuric acid) [Sulfuric acid, mixture with sulfur trioxide]	8014-95-7	7,500 lbs		
Perchloromethylmercaptan [Methanesulfonyl chloride trichloro-]	594-42-3	7,500 lbs		
Phosgene [Carbonic dichloride]	75-44-5	375 lbs		
Phosphorus oxychloride [Phosphoryl chloride]	10025-87-3	3,750 lbs		
Phosphorus trichloride [Phosphorous trichloride]	7719-12-2	11,250 lbs		
Propionitrile [Propanenitrile]	107-12-0	7,500 lbs		



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Chemical Name	CAS#	Screening Threshold Quantity	Quantity in AHQ (pounds) [Q:2.2-2792]	Distance of Concern for AHQ (miles) [Q:2.2-2793]
Propyleneimine [Aziridine, 2-methyl-]	75-55-8	7,500 lbs		
Sulfur dioxide (anhydrous)	7446-09-5	3,750 lbs		
Sulfur tetrafluoride [Sulfur flouride (SF <sub>4</sub> ), (T-4)-]	7783-60-0	1,875 lbs		
Sulfur trioxide	7446-11-9	7,500 lbs		
Tetramethyllead [Plumbane, tetramethyl-]	75-74-1	7,500 lbs		
Titanium tetrachloride [Titanium chloride (TiCl <sub>4</sub> ) (T-4)-]	7550-45-0	2,000 lbs		
Toluene 2,4-diisocyanate [Benzene, 2,4-diisocyanato-1-methyl-]	584-84-9	7,500 lbs		
Toluene 2,6-diisocyanate [Benzene, 1,3-diisocyanato-2-methyl-]	91-08-7	7,500 lbs		
Toluene diisocyanate (unspecified isomer) [Benzene, 1,3-diisocyanatomethyl-]	26471-62-5	7,500 lbs		



## Release of Flammables

### Flammable Chemicals of Concern

The presence or amount of a particular chemical is not the sole factor in determining whether a facility presents a high level of security risk. This information informs the subsequent parts of the Department's assessment. The Department will use its best judgment and all available information in determining whether a facility presents a high level of security risk.

Do you manufacture, process, use, store, or distribute any of the following flammable chemicals at your facility? Check "Yes" if the chemical is present on site at or above the screening threshold quantity.

*(The default settings on this list indicate that the chemicals are NOT present on site. At the end of the list, you must indicate that these settings have been changed as needed for your facility.)*

These chemicals were determined by the US Department of Homeland Security to be a potential security risk at "high risk chemical facilities" as defined in Section 550 the Department of Homeland Security Act of 2007. Chemicals should be selected if they were on site at or above the screening threshold quantity at any time over the past 12 months.

If "No" selected for all chemicals, go to [Release of Explosives](#) (page 38)

[Q:3.0-129]

Chemical Name	CAS#	Screening Threshold Quantity	Yes	No
1,1-Dimethylhydrazine [Hydrazine, 1,1-dimethyl-]	57-14-7	11,250 lbs	<input type="checkbox"/>	<input type="checkbox"/>
1,3-Butadiene	106-99-0	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
1,3-Pentadiene	504-60-9	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
1-Butene	106-98-9	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
1-Chloropropylene [1-Propene, 1-chloro-]	590-21-6	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
1-Pentane	109-67-1	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
2,2-Dimethylpropane [Propane, 2,2-dimethyl-]	463-82-1	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
2-Butene	107-01-7	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
2-Butene-cis	590-18-1	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>



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Chemical Name	CAS#	Screening Threshold Quantity	Yes	No
2-Butene-trans [2-Butene, (E)]	624-64-6	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
2-Chloropropylene [1-Propene, 2-chloro-]	557-98-2	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
2-Methyl-1-butene	563-46-2	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
2-Methylpropene [1-Propene, 2-methyl-]	115-11-7	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
2-Pentene, (Z)-	627-20-3	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
2-Pentene,(E)-	646-04-8	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
3-Methyl-1-butene	563-45-1	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Acetaldehyde	75-07-0	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Acetylene [Ethyne]	74-86-2	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Acrylonitrile [2-Propenenitrile]	107-13-1	15,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Acrylyl chloride [2-Propenoyl chloride]	814-68-6	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Allylamine [2-Propen-1-amine]	107-11-9	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Bromotrifluorethylene [Ethene, bromotrifluoro-]	598-73-2	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Butane	106-97-8	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Butene	25167-67-3	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Carbon oxysulfide [a.k.a Carbon oxide sulfide (COS); carbonyl sulfide]	463-58-1	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Chlorine monoxide [Chlorine oxide]	7791-21-1	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Crotonaldehyde [2-Butenal]	4170-30-3	15,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Crotonaldehyde, (E)- [2-Butenal], (E)-]	123-73-9	15,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Cyanogen [Ethanedinitrile]	460-19-5	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>



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Chemical Name	CAS#	Screening Threshold Quantity	Yes	No
Cyclopropane	75-19-4	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Dichlorosilane [Silane, dichloro-]	4109-96-0	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Difluoroethane [Ethane, 1,1-difluoro-]	75-37-6	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Dimethylamine [Methanamine, N-methyl-]	124-40-3	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Dimethyldichlorosilane [Silane, dichlorodimethyl-]	75-78-5	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Ethane	74-84-0	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Ethyl acetylene [1-Butyne]	107-00-6	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Ethyl chloride Ethyl chloride [Ethane, chloro-]	75-00-3	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Ethyl ether Ethyl ether [Ethane, 1,1-oxybis-]	60-29-7	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Ethyl mercaptan Ethyl mercaptan [Ethanethiol]	75-08-1	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Ethyl nitrite Ethyl nitrite [Nitrous acid, ethyl ester]	109-95-5	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Ethylamine Ethylamine [Ethanamine]	75-04-7	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Ethylene Ethylene [Ethene]	74-85-1	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Ethylene oxide Ethylene oxide [Oxirane]	75-21-8	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Ethyleneimine Ethyleneimine [Aziridine]	151-56-4	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Furan	110-00-9	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Hydrazine	302-01-2	11,250 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Hydrogen	1333-74-0	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Hydrogen selenide	7783-07-5	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>



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Chemical Name	CAS#	Screening Threshold Quantity	Yes	No
Iron, pentacarbonyl- [Iron carbonyl (Fe (CO) <sub>5</sub> ), (TB5-11)-]	13463-40-6	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Isobutane [Propane, 2-methyl]	75-28-5	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Isopentane [Butane, 2-methyl-]	78-78-4	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Isoprene [1,3-Butadiene, 2-methyl-]	78-79-5	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Isopropyl chloride [Propane, 2-chloro-]	75-29-6	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Isopropylamine [2-Propanamine]	75-31-0	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Methane	74-82-8	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Methyl chloride [Methane, chloro-]	74-87-3	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Methyl chloroformate [Carbonchloridic acid, methylester]	79-22-1	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Methyl ether [Methane, oxybis-]	115-10-6	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Methyl formate [Formic acid Methyl ester]	107-31-3	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Methyl mercaptan [Methanethiol]	74-93-1	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Methylamine [Methanamine]	74-89-5	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Methyltrichlorosilane [Silane, trichloromethyl-]	75-79-6	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Nickel Carbonyl	13463-39-3	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Pentane	109-66-0	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Peracetic acid [Ethaneperoxic acid]	79-21-0	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Phosphine	7803-51-2	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Piperidine	110-89-4	11,250 lbs	<input type="checkbox"/>	<input type="checkbox"/>



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Chemical Name	CAS#	Screening Threshold Quantity	Yes	No
Propadiene [1,2-Propadiene]	463-49-0	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Propane	74-98-6	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Propyl chlorofromate [Carbonchloridic acid, propylester]	109-61-5	11,250 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Propylene [1-Propene]	115-07-1	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Propylene oxide [Oxirane, methyl-]	75-56-9	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Propyne [1-Propyne]	74-99-7	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Silane	7803-62-5	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Tetrafluoroethylene [Ethene, tetrafluoro-]	116-14-3	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Tetramethylsilane [Silane, tetramethyl-]	75-76-3	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Tetranitromethane [Methane, tetranitro-]	509-14-8	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Trichlorosilane [Silane, trichloro-]	10025-78-2	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Trifluorochloroethylene [Ethene, chlorotrifluoro]	79-38-9	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Trimethylamine [Methanamine, N,N-dimethyl-]	75-50-3	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Trimethylchlorosilane [Silane, chlorotrimethyl-]	75-77-4	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Vinyl acetate monomer [Acetic acid ethenyl ester]	108-05-4	11,250 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Vinyl acetylene [1-Buten-3-yne]	689-97-4	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Vinyl chloride [Ethene, chloro-]	75-01-4	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Vinyl ethyl ether [Ethene, ethoxy-]	109-92-2	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>



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Chemical Name	CAS#	Screening Threshold Quantity	Yes	No
Vinyl fluoride [Ethene, fluoro-]	75-02-5	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Vinyl methyl ether [Ethene, methoxy-]	107-25-5	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Vinylidene chloride [Ethene, 1,1-dichloro-]	75-35-4	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Vinylidene fluoride [Ethene, 1,1-difluoro-]	75-38-7	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>

The list above has been reviewed and all chemicals present on site at or above the screening threshold quantity have been indicated by selecting "Yes."

[Q:3.0-632]

Yes

No

## Flammable Chemicals Present On Site

Enter the total onsite quantity of the flammable chemical of concern (in hundreds of pounds). Enter the quantity of the flammable chemical of concern in the Area of Highest Quantity (in hundreds of pounds).

Enter the highest amount (rounded to hundreds of pounds) that is expected to be at your facility at any time in a 12-month period. The Area of Highest Quantity (AHQ) is defined as an onsite area, with a radius of 170 feet, where the greatest amount (rounded to hundreds of pounds) of the flammable chemical of concern is expected to be located at any time in a 12-month period. This amount may differ from the total onsite quantity.

Chemical Name	CAS#	Screening Threshold Quantity	Total Onsite Quantity (pounds) [Q:3.1-131]	Quantity in AHQ (pounds) [Q:3.1-2794]
1,1-Dimethylhydrazine [Hydrazine, 1, 1-dimethyl-]	57-14-7	11,250 lbs		
1,3-Butadiene	106-99-0	7,500 lbs		
1,3-Pentadiene	504-60-9	7,500 lbs		
1-Butene	106-98-9	7,500 lbs		





# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 12/31/2007

Chemical Name	CAS#	Screening Threshold Quantity	Total Onsite Quantity (pounds) [Q:3.1-131]	Quantity in AHQ (pounds) [Q:3.1-2794]
1-Chloropropylene [1-Propene, 1-chloro-]	590-21-6	7,500 lbs		
1-Pentane	109-67-1	7,500 lbs		
2,2-Dimethylpropane [Propane, 2,2-dimethyl-]	463-82-1	7,500 lbs		
2-Butene	107-01-7	7,500 lbs		
2-Butene-cis	590-18-1	7,500 lbs		
2-Butene-trans [2-Butene, (E)]	624-64-6	7,500 lbs		
2-Chloropropylene [1-Propene, 2-chloro-]	557-98-2	7,500 lbs		
2-Methyl-1-butene	563-46-2	7,500 lbs		
2-Methylpropene [1-Propene, 2-methyl-]	115-11-7	7,500 lbs		
2-Pentene, (Z)-	627-20-3	7,500 lbs		
2-Pentene,(E)-	646-04-8	7,500 lbs		
3-Methyl-1-butene	563-45-1	7,500 lbs		
Acetaldehyde	75-07-0	7,500 lbs		
Acetylene [Ethyne]	74-86-2	7,500 lbs		
Acrylonitrile [2-Propenenitrile]	107-13-1	15,000 lbs		
Acrylyl chloride [2-Propenoyl chloride]	814-68-6	7,500 lbs		
Allylamine [2-Propen-1-amine]	107-11-9	7,500 lbs		
Bromotrifluorethylene [Ethene, bromotrifluoro-]	598-73-2	7,500 lbs		
Butane	106-97-8	7,500 lbs		
Butene	25167-67-3	7,500 lbs		



# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 12/31/2007

Chemical Name	CAS#	Screening Threshold Quantity	Total Onsite Quantity (pounds) [Q:3.1-131]	Quantity in AHQ (pounds) [Q:3.1-2794]
Carbon oxysulfide [a.k.a Carbon oxide sulfide (COS); carbonyl sulfide]	463-58-1	7,500 lbs		
Chlorine monoxide [Chlorine oxide]	7791-21-1	7,500 lbs		
Crotonaldehyde [2-Butenal]	4170-30-3	15,000 lbs		
Crotonaldehyde, (E)- [2-Butenal], (E)-]	123-73-9	15,000 lbs		
Cyanogen [Ethanedinitrile]	460-19-5	7,500 lbs		
Cyclopropane	75-19-4	7,500 lbs		
Dichlorosilane [Silane, dichloro-]	4109-96-0	7,500 lbs		
Difluoroethane [Ethane, 1,1-difluoro-]	75-37-6	7,500 lbs		
Dimethylamine [Methanamine, N-methyl-]	124-40-3	7,500 lbs		
Dimethyldichlorosilane [Silane, dichlorodimethyl-]	75-78-5	7,500 lbs		
Ethane	74-84-0	7,500 lbs		
Ethyl acetylene [1-Butyne]	107-00-6	7,500 lbs		
Ethyl chloride Ethyl chloride [Ethane, chloro-]	75-00-3	7,500 lbs		
Ethyl ether Ethyl ether [Ethane, 1,1-oxybis-]	60-29-7	7,500 lbs		
Ethyl mercaptan Ethyl mercaptan [Ethanethiol]	75-08-1	7,500 lbs		
Ethyl nitrite Ethyl nitrite [Nitrous acid, ethyl ester]	109-95-5	7,500 lbs		



# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 12/31/2007

Chemical Name	CAS#	Screening Threshold Quantity	Total Onsite Quantity (pounds) [Q:3.1-131]	Quantity in AHQ (pounds) [Q:3.1-2794]
Ethylamine Ethylamine [Ethanamine]	75-04-7	7,500 lbs		
Ethylene Ethylene [Ethene]	74-85-1	7,500 lbs		
Ethylene oxide Ethylene oxide [Oxirane]	75-21-8	7,500 lbs		
Ethyleneimine Ethyleneimine [Aziridine]	151-56-4	7,500 lbs		
Furan	110-00-9	7,500 lbs		
Hydrazine	302-01-2	11,250 lbs		
Hydrogen	1333-74-0	7,500 lbs		
Hydrogen selenide	7783-07-5	7,500 lbs		
Iron, pentacarbonyl- [Iron carbonyl (Fe (CO) <sub>5</sub> ), (TB5-11)-]	13463-40-6	7,500 lbs		
Isobutane [Propane, 2-methyl]	75-28-5	7,500 lbs		
Isopentane [Butane, 2-methyl-]	78-78-4	7,500 lbs		
Isoprene [1,3-Butadiene, 2-methyl-]	78-79-5	7,500 lbs		
Isopropyl chloride [Propane, 2-chloro-]	75-29-6	7,500 lbs		
Isopropylamine [2-Propanamine]	75-31-0	7,500 lbs		
Methane	74-82-8	7,500 lbs		
Methyl chloride [Methane, chloro-]	74-87-3	7,500 lbs		
Methyl chloroformate [Carbonchloridic acid, methylester]	79-22-1	7,500 lbs		
Methyl ether [Methane, oxybis-]	115-10-6	7,500 lbs		



# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 12/31/2007

Chemical Name	CAS#	Screening Threshold Quantity	Total Onsite Quantity (pounds) [Q:3.1-131]	Quantity in AHQ (pounds) [Q:3.1-2794]
Methyl formate [Formic acid Methyl ester]	107-31-3	7,500 lbs		
Methyl mercaptan [Methanethiol]	74-93-1	7,500 lbs		
Methylamine [Methanamine]	74-89-5	7,500 lbs		
Methyltrichlorosilane [Silane, trichloromethyl-]	75-79-6	7,500 lbs		
Nickel Carbonyl	13463-39-3	7,500 lbs		
Pentane	109-66-0	7,500 lbs		
Peracetic acid [Ethaneperoxic acid]	79-21-0	7,500 lbs		
Phosphine	7803-51-2	7,500 lbs		
Piperidine	110-89-4	11,250 lbs		
Propadiene [1,2-Propadiene]	463-49-0	7,500 lbs		
Propane	74-98-6	7,500 lbs		
Propyl chlorofromate [Carbonchloridic acid, propylester]	109-61-5	11,250 lbs		
Propylene [1-Propene]	115-07-1	7,500 lbs		
Propylene oxide [Oxirane, methyl-]	75-56-9	7,500 lbs		
Propyne [1-Propyne]	74-99-7	7,500 lbs		
Silane	7803-62-5	7,500 lbs		
Tetrafluoroethylene [Ethene, tetrafluoro-]	116-14-3	7,500 lbs		
Tetramethylsilane [Silane, tetramethyl-]	75-76-3	7,500 lbs		



# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
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Chemical Name	CAS#	Screening Threshold Quantity	Total Onsite Quantity (pounds) [Q:3.1-131]	Quantity in AHQ (pounds) [Q:3.1-2794]
Tetranitromethane [Methane, tetranitro-]	509-14-8	7,500 lbs		
Trichlorosilane [Silane, trichloro-]	10025-78-2	7,500 lbs		
Trifluorochloroethylene [Ethene, chlorotrifluoro]	79-38-9	7,500 lbs		
Trimethylamine [Methanamine, N,N-dimethyl-]	75-50-3	7,500 lbs		
Trimethylchlorosilane [Silane, chlorotrimethyl-]	75-77-4	7,500 lbs		
Vinyl acetate monomer [Acetic acid ethenyl ester]	108-05-4	11,250 lbs		
Vinyl acetylene [1-Buten-3-yne]	689-97-4	7,500 lbs		
Vinyl chloride [Ethene, chloro-]	75-01-4	7,500 lbs		
Vinyl ethyl ether [Ethene, ethoxy-]	109-92-2	7,500 lbs		
Vinyl fluoride [Ethene, fluoro-]	75-02-5	7,500 lbs		
Vinyl methyl ether [Ethene, methoxy-]	107-25-5	7,500 lbs		
Vinylidene chloride [Ethene, 1,1-dichloro-]	75-35-4	7,500 lbs		
Vinylidene fluoride [Ethene, 1,1-difluoro-]	75-38-7	7,500 lbs		



## Release of Explosives

### Explosive Chemicals of Concern

The presence or amount of a particular chemical is not the sole factor in determining whether a facility presents a high level of security risk. This information informs the subsequent parts of the Department's assessment. The Department will use its best judgment and all available information in determining whether a facility presents a high level of security risk.

Do you manufacture, process, use, store, or distribute any of the following explosive chemicals at your facility? Check "Yes" if the chemical is present on site at or above the screening threshold quantity.

*(The default settings on this list indicate that the chemicals are NOT present on site. At the end of the list, you must indicate that these settings have been changed as needed for your facility.)*

These chemicals were determined by the US Department of Homeland Security to be a potential security risk at "high risk chemical facilities" as defined in Section 550 the Department of Homeland Security Act of 2007. Chemicals should be selected if they were on site at or above the screening threshold quantity at any time over the past 12 months.

If the answer to question [Q:1.1-65], "Choose the facility type that best describes your facility" is Refinery or LNG, go to [Theft/Diversions of WME](#) (page 52)

If "No" selected for all chemicals, go to [Theft/Diversions of IEDP](#) (page 44)

[Q:4.0-154]

Chemical Name	CAS#	Screening Threshold Quantity	Yes	No
1H-Tetrazole	16681-77-9	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
5-Nitrobenzotriazol	2338-12-7	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Ammonium nitrate	6484-52-2	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Ammonium perchlorate	7790-98-9	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Ammonium picrate	131-74-8	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Barium azide	18810-58-7	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Cyclotetramethylenetetranitramine	2691-41-0	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Diazodinitrophenol	87-31-0	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Diethyleneglycol dinitrate	693-21-0	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>



## CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 12/31/2007

Chemical Name	CAS#	Screening Threshold Quantity	Yes	No
Dinitroglycoluril	55510-04-8	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Dinitrophenol	25550-58-7	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Dinitroresorcinol	35860-51-6	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Dipicryl sulfide	2217-06-3	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Guanyl nitrosaminoguanylidene hydrazine		2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Guanyl nitrosaminoguanyltetrazene	109-27-3	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Hexanitrodiphenylamine	35860-31-2	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Hexanitrostilbene	20062-22-0	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Hexolite	121-82-4	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Hexotonal	107-15-3	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Lead azide	13424-46-9	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Lead styphnate	15245-44-0	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Mannitol hexanitrate, wetted	15825-70-4	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Mercury fulminate	628-86-4	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Nitro urea	556-89-8	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Nitrocellulose	9004-70-0	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Nitroglycerine	55-63-0	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Nitroguanidine	556-88-7	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Nitrostarch	9056-38-6	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Nitrotriazolone	932-64-9	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Octolite	68610-51-5	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Octonal	124-13-0	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Pentaerythrite tetranitrate or PETN	78-11-5	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Pentolite	8066-33-9	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
RDX and HMX mixtures	121-82-4	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Tetranitroaniline	53014-37-2	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Trinitroaniline	26952-42-1	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>



# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 12/31/2007

Chemical Name	CAS#	Screening Threshold Quantity	Yes	No
Trinitroanisole	606-35-9	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Trinitrobenzene	99-35-4	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Trinitrobenzenesulfonic acid	2508-19-2	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Trinitrobenzoic acid	129-66-8	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Trinitrochlorobenzene	88-88-0	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Trinitrofluorenone	129-79-3	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Trinitro-meta-cresol	602-99-3	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Trinitronaphthalene	558101-17-8	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Trinitrophenetole	4732-14-3	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Trinitrophenol	88-89-1	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Trinitroresorcinol	82-71-3	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Trinitrotoluene	118-96-7	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Tritonal	54413-15-9	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Urea nitrate	124-47-0	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>

**The list above has been reviewed and all chemicals present on site at or above the screening threshold quantity have been indicated by selecting "Yes."**  
[Q:4.0-711]

- Yes
- No

## Explosive Chemicals Present On Site

**Enter the total onsite quantity of the explosive chemical of concern (in hundreds of pounds). Enter the quantity of the explosive chemical of concern in the Area of Highest Quantity (in hundreds of pounds).**

Enter the highest amount (rounded to hundreds of pounds) that is expected to be at your facility at any time in a 12-month period. The Area of Highest Quantity (AHQ) is defined as an onsite area, with a radius of 170 feet, where the greatest amount (rounded to hundreds of pounds) of the explosive chemical of concern is expected to be located at any time in a 12-month period. This amount may differ from the total onsite quantity.





# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 12/31/2007

Chemical Name	CAS#	Screening Threshold Quantity	Total Onsite Quantity (pounds) [Q:4.1-712]	Quantity in AHQ (pounds) [Q:4.1-2795]
1H-Tetrazole	16681-77-9	2,000 lbs		
5-Nitrobenzotriazol	2338-12-7	2,000 lbs		
Ammonium nitrate	6484-52-2	2,000 lbs		
Ammonium perchlorate	7790-98-9	2,000 lbs		
Ammonium picrate	131-74-8	2,000 lbs		
Barium azide	18810-58-7	2,000 lbs		
Cyclotetramethylenetetranitramine	2691-41-0	2,000 lbs		
Diazodinitrophenol	87-31-0	2,000 lbs		
Diethyleneglycol dinitrate	693-21-0	2,000 lbs		
Dinitroglycoluril	55510-04-8	2,000 lbs		
Dinitrophenol	25550-58-7	2,000 lbs		
Dinitroresorcinol	35860-51-6	2,000 lbs		
Dipicryl sulfide	2217-06-3	2,000 lbs		
Guanyl nitrosaminoguanlylidene hydrazine		2,000 lbs		
Guanyl nitrosaminoguanlyltetrazene	109-27-3	2,000 lbs		
Hexanitrodiphenylamine	35860-31-2	2,000 lbs		
Hexanitrostilbene	20062-22-0	2,000 lbs		
Hexolite	121-82-4	2,000 lbs		
Hexotonal	107-15-3	2,000 lbs		
Lead azide	13424-46-9	2,000 lbs		
Lead styphnate	15245-44-0	2,000 lbs		
Mannitol hexanitrate, wetted	15825-70-4	2,000 lbs		
Mercury fulminate	628-86-4	2,000 lbs		



# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 12/31/2007

Chemical Name	CAS#	Screening Threshold Quantity	Total Onsite Quantity (pounds) [Q:4.1-712]	Quantity in AHQ (pounds) [Q:4.1-2795]
Nitro urea	556-89-8	2,000 lbs		
Nitrocellulose	9004-70-0	2,000 lbs		
Nitroglycerine	55-63-0	2,000 lbs		
Nitroguanidine	556-88-7	2,000 lbs		
Nitrostarch	9056-38-6	2,000 lbs		
Nitrotriazolone	932-64-9	2,000 lbs		
Octolite	68610-51-5	2,000 lbs		
Octonal	124-13-0	2,000 lbs		
Pentaerythrite tetranitrate or PETN	78-11-5	2,000 lbs		
Pentolite	8066-33-9	2,000 lbs		
RDX and HMX mixtures	121-82-4	2,000 lbs		
Tetranitroaniline	53014-37-2	2,000 lbs		
Trinitroaniline	26952-42-1	2,000 lbs		
Trinitroanisole	606-35-9	2,000 lbs		
Trinitrobenzene	99-35-4	2,000 lbs		
Trinitrobenzenesulfonic acid	2508-19-2	2,000 lbs		
Trinitrobenzoic acid	129-66-8	2,000 lbs		
Trinitrochlorobenzene	88-88-0	2,000 lbs		
Trinitrofluorenone	129-79-3	2,000 lbs		
Trinitro-meta-cresol	602-99-3	2,000 lbs		
Trinitronaphthalene	558101-17-8	2,000 lbs		
Trinitrophenetole	4732-14-3	2,000 lbs		
Trinitrophenol	88-89-1	2,000 lbs		
Trinitroresorcinol	82-71-3	2,000 lbs		



# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 12/31/2007

Chemical Name	CAS#	Screening Threshold Quantity	Total Onsite Quantity (pounds) [Q:4.1-712]	Quantity in AHQ (pounds) [Q:4.1-2795]
Trinitrotoluene	118-96-7	2,000 lbs		
Tritonal	54413-15-9	2,000 lbs		
Urea nitrate	124-47-0	2,000 lbs		



## Theft/Diversion of IEDP

### Explosive/IED Precursor Chemicals of Concern

The presence or amount of a particular chemical is not the sole factor in determining whether a facility presents a high level of security risk. This information informs the subsequent parts of the Department's assessment. The Department will use its best judgment and all available information in determining whether a facility presents a high level of security risk.

Do you manufacture, process, use, store, or distribute any of the following explosive/IED precursor chemicals at your facility? Check "Yes" if the chemical is present on site at or above the screening threshold quantity.

*(The default settings on this list indicate that the chemicals are NOT present on site. At the end of the list, you must indicate that these settings have been changed as needed for your facility.)*

These chemicals were determined by the US Department of Homeland Security to be a potential security risk at "high risk chemical facilities" as defined in Section 550 the Department of Homeland Security Act of 2007. Chemicals should be selected if they were on site at or above the screening threshold quantity at any time over the past 12 months.

If "No" selected for all chemicals, go to [Theft/Diversion of WME](#) (page 52)

[Q:5.0-175]

Chemical Name	CAS#	Screening Threshold Quantity	Yes	No
1H-Tetrazole	16681-77-9	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
5-Nitrobenzotriazol	2338-12-7	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Acetone	67-64-1	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Ammonium nitrate (nitrogen concentration of 23% or greater)	6484-52-2	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Ammonium perchlorate	7790-98-9	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Ammonium picrate	131-74-8	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Barium azide	18810-58-7	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Cyclotetramethylenetetranitramine	2691-41-0	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Diazodinitrophenol	87-31-0	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Diethyleneglycol dinitrate	693-21-0	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>



## CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 12/31/2007

Chemical Name	CAS#	Screening Threshold Quantity	Yes	No
Dinitroglycoluril [Dingu]	55510-04-8	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Dinitrophenol	25550-58-7	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Dinitroresorcinol	35860-51-6	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Dinitrosobenzene	25550-55-4	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Dipicryl sulfide	2217-06-3	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Guanyl nitrosaminoguanylidene hydrazine		2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Guanyl nitrosaminoguanyltetrazene [Tetrazene]	109-27-3	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Hexanitrodiphenylamine [Dipicrylamine [or] Hexyl]	35860-31-2	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Hexanitrostilbene	20062-22-0	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Hexolite [Hexotol]	121-82-4	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Hexotonal	107-15-3	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Hydrogen peroxide concentration of at least 30%	7722-84-1	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Lead azide	13424-46-9	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Lead styphnate [Lead trinitroresorcinatate]	15245-44-0	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Mannitol hexanitrate, wetted [Nitromannite]	15825-70-4	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Mercury fulminate	628-86-4	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Nitric acid concentration of least 68%	7697-37-2	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Nitro urea	556-89-8	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Nitrocellulose [dry or wetted with <25% water (or alcohol), by mass]	9004-70-0	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Nitroglycerine [desensitized with not <40% non-volatile water insoluble phlegmatizer, by mass]	55-63-0	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>



## CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 12/31/2007

Chemical Name	CAS#	Screening Threshold Quantity	Yes	No
Nitroguanidine [Picrite, dry or wetted with less than 20 percent water, by mass]	556-88-7	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Nitromethane	75-52-5	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Nitrostarch	9056-38-6	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Nitrotriazolone [NTO]	932-64-9	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Octolite [Octol]	68610-51-5	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Octonal	124-13-0	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Pentaerythrite tetranitrate or PETN	78-11-5	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Pentolite	8066-33-9	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Potassium chlorate	3811-04-9	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Potassium nitrate	7757-79-1	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Potassium perchlorate	7778-74-7	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
RDX and HMX mixtures	121-82-4	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Sodium chlorate	7775-09-9	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Sodium dinitro-o-cresolate	25641-53-6	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Sodium nitrate	7631-99-4	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Sodium picramate	831-52-7	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Tetranitroaniline	53014-37-2	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Tetrazol-1-acetic acid	21732-17-2	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Trinitroaniline [Picramide]	26952-42-1	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Trinitroanisole	606-35-9	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Trinitrobenzene	99-35-4	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Trinitrobenzenesulfonic acid	2508-19-2	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Trinitrobenzoic acid	129-66-8	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>



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Chemical Name	CAS#	Screening Threshold Quantity	Yes	No
Trinitrochlorobenzene [Picryl chloride]	88-88-0	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Trinitrofluorenone	129-79-3	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Trinitro-meta-cresol	602-99-3	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Trinitronaphthalene	558101-17-8	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Trinitrophenetole	4732-14-3	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Trinitrophenol [Picric acid]	88-89-1	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Trinitroresorcinol [Styphnic acid]	82-71-3	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Trinitrotoluene [TNT, dry or wetted with less than 30 per cent water, by mass ]	118-96-7	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Tritonal	54413-15-9	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Urea	57-13-6	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Urea nitrate	124-47-0	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Zirconium picramate	63868-82-6	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>

**The list above has been reviewed and all chemicals present on site at or above the screening threshold quantity have been indicated by selecting "Yes."**

[Q:5.0-714]

Yes

No

## Explosive/IED Precursor Chemicals Storage

**Check if the chemical is available in man-portable, bulk transportation, or bulk storage containers.**

A man-portable container can be moved by 1-3 people without the aid of powered mechanical devices such as fork lifts, trucks or cranes. For gases, man-portable containers are containers of any size up to and including DOT Cylinder Specification 3AA2400 which has a tare weight of 135 lbs and a volume of 1.76 cu ft/49.8 liters. Such containers weigh up to about 400 lbs fully loaded. Note that cylinder tare weight and volume may vary slightly from company to company for those that supply industrial gas in cylinder quantities.



# CSAT Top-Screen Questions

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Bulk transportation containers include tank cars, rail cars and other large storage containers that could be hitched to a vehicle for removal from a site.

A bulk storage container is one from which the material could be safely removed without undue potential harm or without the use of special equipment.

Chemical Name	CAS#	Screening Threshold Quantity	Man-portable [Q:5.1-233]	Bulk Transport [Q:5.1-234]	Bulk Storage [Q:5.1-235]
1H-Tetrazole	16681-77-9	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5-Nitrobenzotriazol	2338-12-7	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Acetone	67-64-1	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ammonium nitrate (nitrogen concentration of 23% or greater)	6484-52-2	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ammonium perchlorate	7790-98-9	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ammonium picrate	131-74-8	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Barium azide	18810-58-7	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cyclotetramethylenetetranitr amine	2691-41-0	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diazodinitrophenol	87-31-0	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diethyleneglycol dinitrate	693-21-0	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dinitroglycoluril [Dingu]	55510-04-8	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dinitrophenol	25550-58-7	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dinitroresorcinol	35860-51-6	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dinitrosobenzene	25550-55-4	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dipicryl sulfide	2217-06-3	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Guanyl nitrosaminoguanlylidene hydrazine		2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Guanyl nitrosaminoguanlyltetrazene [Tetrazene]	109-27-3	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hexanitrodiphenylamine [Dipicrylamine [or] Hexyl]	35860-31-2	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>





## CSAT Top-Screen Questions

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Chemical Name	CAS#	Screening Threshold Quantity	Man-portable [Q:5.1-233]	Bulk Transport [Q:5.1-234]	Bulk Storage [Q:5.1-235]
Hexanitrostilbene	20062-22-0	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hexolite [Hexotol]	121-82-4	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hexotonal	107-15-3	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hydrogen peroxide concentration of at least 30%	7722-84-1	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lead azide	13424-46-9	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lead styphnate [Lead trinitroresorcinate]	15245-44-0	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mannitol hexanitrate, wetted [Nitromannite]	15825-70-4	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mercury fulminate	628-86-4	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nitric acid concentration of least 68%	7697-37-2	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nitro urea	556-89-8	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nitrocellulose [dry or wetted with <25% water (or alcohol), by mass]	9004-70-0	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nitroglycerine [desensitized with not <40% non-volatile water insoluble phlegmatizer, by mass]	55-63-0	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nitroguanidine [Picrite, dry or wetted with less than 20 percent water, by mass]	556-88-7	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nitromethane	75-52-5	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nitrostarch	9056-38-6	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nitrotriazolone [NTO]	932-64-9	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Octolite [Octol]	68610-51-5	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Octonal	124-13-0	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



# CSAT Top-Screen Questions

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Chemical Name	CAS#	Screening Threshold Quantity	Man-portable [Q:5.1-233]	Bulk Transport [Q:5.1-234]	Bulk Storage [Q:5.1-235]
Pentaerythrite tetranitrate or PETN	78-11-5	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pentolite	8066-33-9	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Potassium chlorate	3811-04-9	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Potassium nitrate	7757-79-1	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Potassium perchlorate	7778-74-7	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
RDX and HMX mixtures	121-82-4	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sodium chlorate	7775-09-9	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sodium dinitro-o-cresolate	25641-53-6	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sodium nitrate	7631-99-4	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sodium picramate	831-52-7	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tetranitroaniline	53014-37-2	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tetrazol-1-acetic acid	21732-17-2	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trinitroaniline [Picramide]	26952-42-1	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trinitroanisole	606-35-9	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trinitrobenzene	99-35-4	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trinitrobenzenesulfonic acid	2508-19-2	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trinitrobenzoic acid	129-66-8	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trinitrochlorobenzene [Picryl chloride]	88-88-0	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trinitrofluorenone	129-79-3	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trinitro-meta-cresol	602-99-3	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trinitronaphthalene	558101-17-8	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trinitrophenetole	4732-14-3	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trinitrophenol [Picric acid]	88-89-1	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



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Chemical Name	CAS#	Screening Threshold Quantity	Man-portable [Q:5.1-233]	Bulk Transport [Q:5.1-234]	Bulk Storage [Q:5.1-235]
Trinitroresorcinol [Styphnic acid]	82-71-3	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trinitrotoluene [TNT, dry or wetted with less than 30 per cent water, by mass ]	118-96-7	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tritonal	54413-15-9	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Urea	57-13-6	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Urea nitrate	124-47-0	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Zirconium picramate	63868-82-6	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



## Theft/Diversion of WME

### Weapons-of-Mass-Effect (WME) Chemicals of Concern

The presence or amount of a particular chemical is not the sole factor in determining whether a facility presents a high level of security risk. This information informs the subsequent parts of the Department's assessment. The Department will use its best judgment and all available information in determining whether a facility presents a high level of security risk.

Do you manufacture, process, use, store, or distribute any of the following WME chemicals at your facility? Check "Yes" if the chemical is present on site at or above the screening threshold quantity.

*(The default settings on this list indicate that the chemicals are NOT present on site. At the end of the list, you must indicate that these settings have been changed as needed for your facility.)*

These chemicals were determined by the US Department of Homeland Security to be a potential security risk at "high risk chemical facilities" as defined in Section 550 the Department of Homeland Security Act of 2007. Chemicals should be selected if they were on site at or above the screening threshold quantity at any time over the past 12 months.

If "No" selected for all chemicals, go to [Theft/Diversion of CW/CWP](#) (page 57)

[Q:6.0-251]

Chemical Name	CAS#	Screening Threshold Quantity	Yes	No
Ammonia (anhydrous)	7664-41-7	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Ammonia (conc. 20% or greater)	7664-41-7	15,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Arsine	7784-42-1		<input type="checkbox"/>	<input type="checkbox"/>
Boron trichloride	10294-34-5		<input type="checkbox"/>	<input type="checkbox"/>
Boron trifluoride	7637-07-2		<input type="checkbox"/>	<input type="checkbox"/>
Bromine chloride	13863-41-7		<input type="checkbox"/>	<input type="checkbox"/>
Carbon monoxide	630-08-0		<input type="checkbox"/>	<input type="checkbox"/>
Carbonyl fluoride	353-50-4		<input type="checkbox"/>	<input type="checkbox"/>
Carbonyl sulfide	463-58-1		<input type="checkbox"/>	<input type="checkbox"/>
Chlorine	7782-50-5	1,875 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Chlorine pentafluoride	13637-63-3		<input type="checkbox"/>	<input type="checkbox"/>



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Chemical Name	CAS#	Screening Threshold Quantity	Yes	No
Chlorine trifluoride	7790-91-2		<input type="checkbox"/>	<input type="checkbox"/>
Cyanogen	460-19-5		<input type="checkbox"/>	<input type="checkbox"/>
Cyanogen chloride	506-77-4		<input type="checkbox"/>	<input type="checkbox"/>
Diborane	19287-45-7		<input type="checkbox"/>	<input type="checkbox"/>
Dichlorosilane	4109-96-0		<input type="checkbox"/>	<input type="checkbox"/>
Dinitrogen tetroxide	10544-72-6		<input type="checkbox"/>	<input type="checkbox"/>
Ethylene oxide	75-21-8		<input type="checkbox"/>	<input type="checkbox"/>
Fluorine	7782-41-4		<input type="checkbox"/>	<input type="checkbox"/>
Germane	7782-65-2		<input type="checkbox"/>	<input type="checkbox"/>
Germanium tetrafluoride	7783-58-6		<input type="checkbox"/>	<input type="checkbox"/>
Hexaethyl tetraphosphate and compressed gas mixtures	757-58-4		<input type="checkbox"/>	<input type="checkbox"/>
Hexafluoroacetone	684-16-2		<input type="checkbox"/>	<input type="checkbox"/>
Hydrogen bromide, anhydrous	10035-10-6		<input type="checkbox"/>	<input type="checkbox"/>
Hydrogen chloride (anhydrous)	7647-01-0		<input type="checkbox"/>	<input type="checkbox"/>
Hydrogen iodide, anhydrous	10034-85-2		<input type="checkbox"/>	<input type="checkbox"/>
Hydrogen selenide	7783-07-5		<input type="checkbox"/>	<input type="checkbox"/>
Hydrogen sulfide	7783-06-4		<input type="checkbox"/>	<input type="checkbox"/>
Methyl bromide	74-83-9		<input type="checkbox"/>	<input type="checkbox"/>
Methyl mercaptan	74-93-1		<input type="checkbox"/>	<input type="checkbox"/>
Methylchlorosilane	993-00-0		<input type="checkbox"/>	<input type="checkbox"/>
Nitric oxide	10102-43-9		<input type="checkbox"/>	<input type="checkbox"/>
Nitrogen trioxide	10544-73-7		<input type="checkbox"/>	<input type="checkbox"/>
Nitrosyl chloride	2696-92-6		<input type="checkbox"/>	<input type="checkbox"/>
Oxygen difluoride	7783-41-7		<input type="checkbox"/>	<input type="checkbox"/>
Perchloryl fluoride	7616-94-6		<input type="checkbox"/>	<input type="checkbox"/>
Phosgene	75-44-5		<input type="checkbox"/>	<input type="checkbox"/>



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Chemical Name	CAS#	Screening Threshold Quantity	Yes	No
Phosphine	7803-51-2		<input type="checkbox"/>	<input type="checkbox"/>
Phosphorus	7723-14-0		<input type="checkbox"/>	<input type="checkbox"/>
Selenium hexafluoride	7783-79-1		<input type="checkbox"/>	<input type="checkbox"/>
Silicon tetrafluoride	7783-61-1		<input type="checkbox"/>	<input type="checkbox"/>
Stibine	7803-52-3		<input type="checkbox"/>	<input type="checkbox"/>
Sulfur dioxide (anhydrous)	7446-09-5		<input type="checkbox"/>	<input type="checkbox"/>
Sulfur tetrafluoride	7783-60-0		<input type="checkbox"/>	<input type="checkbox"/>
Sulfuryl fluoride	2699-79-8		<input type="checkbox"/>	<input type="checkbox"/>
Tellurium hexafluoride	7783-80-4		<input type="checkbox"/>	<input type="checkbox"/>
Trifluoroacetyl chloride	354-32-5		<input type="checkbox"/>	<input type="checkbox"/>
Trifluorochloroethylene	79-38-9		<input type="checkbox"/>	<input type="checkbox"/>
Tungsten hexafluoride	7783-82-6		<input type="checkbox"/>	<input type="checkbox"/>

**The list above has been reviewed and all chemicals present on site at or above the screening threshold quantity have been indicated by selecting "Yes."**

[Q:6.0-715]

Yes

No

## Weapons-of-Mass-Effect (WME) Chemicals Storage

**Check if the chemical is available in man-portable or bulk transportation containers.**

Man portable containers are containers of any size up to and including DOT Cylinder Specification 3AA2400 which has a tare weight of 135 lbs and a volume of 1.76 cu ft/49.8 liters. Such containers weigh up to about 400 lbs fully loaded. Note that cylinder tare weight and volume may vary slightly from company to company for those that supply industrial gas in cylinder quantities.

Bulk transportation containers include tank cars, rail cars and other large storage containers that could be hitched to a vehicle for removal from a site.



## CSAT Top-Screen Questions

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Chemical Name	CAS#	Screening Threshold Quantity	Man-portable [Q:6.1-253]	Bulk Transport [Q:6.1-254]
Ammonia (anhydrous)	7664-41-7	7,500 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Ammonia (conc. 20% or greater)	7664-41-7	15,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Arsine	7784-42-1		<input type="checkbox"/>	<input type="checkbox"/>
Boron trichloride	10294-34-5		<input type="checkbox"/>	<input type="checkbox"/>
Boron trifluoride	7637-07-2		<input type="checkbox"/>	<input type="checkbox"/>
Bromine chloride	13863-41-7		<input type="checkbox"/>	<input type="checkbox"/>
Carbon monoxide	630-08-0		<input type="checkbox"/>	<input type="checkbox"/>
Carbonyl fluoride	353-50-4		<input type="checkbox"/>	<input type="checkbox"/>
Carbonyl sulfide	463-58-1		<input type="checkbox"/>	<input type="checkbox"/>
Chlorine	7782-50-5	1,875 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Chlorine pentafluoride	13637-63-3		<input type="checkbox"/>	<input type="checkbox"/>
Chlorine trifluoride	7790-91-2		<input type="checkbox"/>	<input type="checkbox"/>
Cyanogen	460-19-5		<input type="checkbox"/>	<input type="checkbox"/>
Cyanogen chloride	506-77-4		<input type="checkbox"/>	<input type="checkbox"/>
Diborane	19287-45-7		<input type="checkbox"/>	<input type="checkbox"/>
Dichlorosilane	4109-96-0		<input type="checkbox"/>	<input type="checkbox"/>
Dinitrogen tetroxide	10544-72-6		<input type="checkbox"/>	<input type="checkbox"/>
Ethylene oxide	75-21-8		<input type="checkbox"/>	<input type="checkbox"/>
Fluorine	7782-41-4		<input type="checkbox"/>	<input type="checkbox"/>
Germane	7782-65-2		<input type="checkbox"/>	<input type="checkbox"/>
Germanium tetrafluoride	7783-58-6		<input type="checkbox"/>	<input type="checkbox"/>
Hexaethyl tetraphosphate and compressed gas mixtures	757-58-4		<input type="checkbox"/>	<input type="checkbox"/>
Hexafluoroacetone	684-16-2		<input type="checkbox"/>	<input type="checkbox"/>
Hydrogen bromide, anhydrous	10035-10-6		<input type="checkbox"/>	<input type="checkbox"/>
Hydrogen chloride (anhydrous)	7647-01-0		<input type="checkbox"/>	<input type="checkbox"/>
Hydrogen iodide, anhydrous	10034-85-2		<input type="checkbox"/>	<input type="checkbox"/>



## CSAT Top-Screen Questions

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Chemical Name	CAS#	Screening Threshold Quantity	Man- portable [Q:6.1-253]	Bulk Transport [Q:6.1-254]
Hydrogen selenide	7783-07-5		<input type="checkbox"/>	<input type="checkbox"/>
Hydrogen sulfide	7783-06-4		<input type="checkbox"/>	<input type="checkbox"/>
Methyl bromide	74-83-9		<input type="checkbox"/>	<input type="checkbox"/>
Methyl mercaptan	74-93-1		<input type="checkbox"/>	<input type="checkbox"/>
Methylchlorosilane	993-00-0		<input type="checkbox"/>	<input type="checkbox"/>
Nitric oxide	10102-43-9		<input type="checkbox"/>	<input type="checkbox"/>
Nitrogen trioxide	10544-73-7		<input type="checkbox"/>	<input type="checkbox"/>
Nitrosyl chloride	2696-92-6		<input type="checkbox"/>	<input type="checkbox"/>
Oxygen difluoride	7783-41-7		<input type="checkbox"/>	<input type="checkbox"/>
Perchloryl fluoride	7616-94-6		<input type="checkbox"/>	<input type="checkbox"/>
Phosgene	75-44-5		<input type="checkbox"/>	<input type="checkbox"/>
Phosphine	7803-51-2		<input type="checkbox"/>	<input type="checkbox"/>
Phosphorus	7723-14-0		<input type="checkbox"/>	<input type="checkbox"/>
Selenium hexafluoride	7783-79-1		<input type="checkbox"/>	<input type="checkbox"/>
Silicon tetrafluoride	7783-61-1		<input type="checkbox"/>	<input type="checkbox"/>
Stibine	7803-52-3		<input type="checkbox"/>	<input type="checkbox"/>
Sulfur dioxide (anhydrous)	7446-09-5		<input type="checkbox"/>	<input type="checkbox"/>
Sulfur tetrafluoride	7783-60-0		<input type="checkbox"/>	<input type="checkbox"/>
Sulfuryl fluoride	2699-79-8		<input type="checkbox"/>	<input type="checkbox"/>
Tellurium hexafluoride	7783-80-4		<input type="checkbox"/>	<input type="checkbox"/>
Trifluoroacetyl chloride	354-32-5		<input type="checkbox"/>	<input type="checkbox"/>
Trifluorochloroethylene	79-38-9		<input type="checkbox"/>	<input type="checkbox"/>
Tungsten hexafluoride	7783-82-6		<input type="checkbox"/>	<input type="checkbox"/>





## Theft/Diversion of CW/CWP

### Chemical Weapons/Chemical Weapon Precursors (CW/CWP) Chemicals of Concern

The presence or amount of a particular chemical is not the sole factor in determining whether a facility presents a high level of security risk. This information informs the subsequent parts of the Department's assessment. The Department will use its best judgment and all available information in determining whether a facility presents a high level of security risk.

Do you manufacture, process, use, store, or distribute any of the following CW/CWP chemicals at your facility? Check "Yes" if the chemical is present on site.

*(The default settings on this list indicate that the chemicals are NOT present on site. At the end of the list, you must indicate that these settings have been changed as needed for your facility.)*

These chemicals were determined by the US Department of Homeland Security to be a potential security risk at "high risk chemical facilities" as defined in Section 550 the Department of Homeland Security Act of 2007. Chemicals should be selected if they were on site at any time over the past 12 months.

*If the answer to question [Q:1.1-65], "Choose the facility type that best describes your facility" is Refinery or LNG, or if "No" selected for all chemicals, go to [Sabotage/Contamination Chemicals](#) (page 64)*

[Q:7.0-257]

Chemical Name	CAS#	Yes	No
1,1,3,3,3-pentafluoro-2-(trifluoromethyl)-1-propene	382-21-8	<input type="checkbox"/>	<input type="checkbox"/>
1,2-bis(2-chloroethylthio)ethane	3563-36-8	<input type="checkbox"/>	<input type="checkbox"/>
1,3-bis(2-chloroethylthio)-n-propane	63905-10-2	<input type="checkbox"/>	<input type="checkbox"/>
1,4-bis(2-chloroethylthio)-n-butane	142868-93-7	<input type="checkbox"/>	<input type="checkbox"/>
1,5-bis(2-chloroethylthio)-n-pentane	142868-94-8	<input type="checkbox"/>	<input type="checkbox"/>
2-chloroethylchloromethylsulfide	2625-76-5	<input type="checkbox"/>	<input type="checkbox"/>
2-chlorovinylidichloroarsine	541-25-3	<input type="checkbox"/>	<input type="checkbox"/>
3,3-dimethyl-2-butanol	464-07-3	<input type="checkbox"/>	<input type="checkbox"/>
3-quinuclidinyl benzilate BZ	1709855	<input type="checkbox"/>	<input type="checkbox"/>
Arsenous trichloride Arsenic trichloride	7784-34-1	<input type="checkbox"/>	<input type="checkbox"/>



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Chemical Name	CAS#	Yes	No
bis(2-chloroethyl)ethylamine	538-07-8	<input type="checkbox"/>	<input type="checkbox"/>
bis(2-chloroethyl)methylamine	51-75-2	<input type="checkbox"/>	<input type="checkbox"/>
bis(2-chloroethyl)sulfide	505-60-2	<input type="checkbox"/>	<input type="checkbox"/>
bis(2-chloroethylthio)methane	63869-13-6	<input type="checkbox"/>	<input type="checkbox"/>
bis(2-chloroethylthioethyl)ether	63918-89-8	<input type="checkbox"/>	<input type="checkbox"/>
bis(2-chloroethylthiomethyl)ether	63918-90-1	<input type="checkbox"/>	<input type="checkbox"/>
bis(2-chlorovinyl)chloroarsine	40334-69-8	<input type="checkbox"/>	<input type="checkbox"/>
Chloropicrin	76-06-2	<input type="checkbox"/>	<input type="checkbox"/>
Cyanogen chloride	506-77-4	<input type="checkbox"/>	<input type="checkbox"/>
Diethyl ethylphosphonate	78-38-6	<input type="checkbox"/>	<input type="checkbox"/>
Diethyl N,N-dimethylphosphoramidate	184150	<input type="checkbox"/>	<input type="checkbox"/>
Diethyl phosphate	762-04-9	<input type="checkbox"/>	<input type="checkbox"/>
Dimethyl ethylphosphonate	6163-75-3	<input type="checkbox"/>	<input type="checkbox"/>
Dimethyl methylphosphonate	756-79-6	<input type="checkbox"/>	<input type="checkbox"/>
Dimethyl phosphate	868-85-9	<input type="checkbox"/>	<input type="checkbox"/>
Dimethylphosphoramidodichloridate	677-43-0	<input type="checkbox"/>	<input type="checkbox"/>
Diphenyl-2-hydroxyacetic acid benzilic acid	76-93-7	<input type="checkbox"/>	<input type="checkbox"/>
Ethyl phosphonyl dichloride	1066-50-8	<input type="checkbox"/>	<input type="checkbox"/>
Ethyl phosphonyl difluoride	753-98-0	<input type="checkbox"/>	<input type="checkbox"/>
Ethyldiethanolamine	139-87-7	<input type="checkbox"/>	<input type="checkbox"/>
Hydrogen cyanide	74-90-8	<input type="checkbox"/>	<input type="checkbox"/>
Methyl phosphonyl dichloride	676-97-1	<input type="checkbox"/>	<input type="checkbox"/>
Methyl phosphonyl difluoride	676-99-3	<input type="checkbox"/>	<input type="checkbox"/>
Methyldiethanolamine	105-59-9	<input type="checkbox"/>	<input type="checkbox"/>
N,N-diisopropyl-2-aminoethyl chloride hydrochloride	4261-68-1	<input type="checkbox"/>	<input type="checkbox"/>
N,N-diisopropyl- $\beta$ -aminoethanol	96-80-0	<input type="checkbox"/>	<input type="checkbox"/>
N,N-diisopropyl- $\beta$ -aminoethyl chloride	96-79-7	<input type="checkbox"/>	<input type="checkbox"/>



## CSAT Top-Screen Questions

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Chemical Name	CAS#	Yes	No
o,o-diethyl S-[2-(diethylamino)ethyl] phosphorothiolate Amiton	78-53-5	<input type="checkbox"/>	<input type="checkbox"/>
o-ethyl-N,N-dimethylphosphoramido-cyanidate Tabun	77-81-6	<input type="checkbox"/>	<input type="checkbox"/>
o-ethyl-o-2-diisopropylaminoethyl methylphosphonite	57856-11-8	<input type="checkbox"/>	<input type="checkbox"/>
o-ethyl-S-2-diisopropylaminoethyl methyl phosphonothiolate VX	50782-69-9	<input type="checkbox"/>	<input type="checkbox"/>
o-isopropyl methylphosphonochloridate Chlorosarin	1445-76-7	<input type="checkbox"/>	<input type="checkbox"/>
o-isopropyl methylphosphonofluoridate Sarin	107-44-8	<input type="checkbox"/>	<input type="checkbox"/>
o-pinacolyl methylphosphonochloridate Chlorosoman	7040-57-5	<input type="checkbox"/>	<input type="checkbox"/>
o-pinacolyl methylphosphonofluoridate Soman	96-64-0	<input type="checkbox"/>	<input type="checkbox"/>
Phosgene	75-44-5	<input type="checkbox"/>	<input type="checkbox"/>
Phosphorus oxychloride Phosphoryl chloride	10025-87-3	<input type="checkbox"/>	<input type="checkbox"/>
Phosphorus pentachloride	10026-13-8	<input type="checkbox"/>	<input type="checkbox"/>
Phosphorus trichloride Phosphorous trichloride	7719-12-2	<input type="checkbox"/>	<input type="checkbox"/>
Quinuclidine-3-ol	1619-34-7	<input type="checkbox"/>	<input type="checkbox"/>
Sulfur dichloride	10545-99-0	<input type="checkbox"/>	<input type="checkbox"/>
Sulfur monochloride	10025-67-9	<input type="checkbox"/>	<input type="checkbox"/>
Thiodiglycol	111-48-8	<input type="checkbox"/>	<input type="checkbox"/>
Thionyl chloride	2125597	<input type="checkbox"/>	<input type="checkbox"/>
Triethanolamine	102-71-6	<input type="checkbox"/>	<input type="checkbox"/>
Triethyl phosphite	122-52-1	<input type="checkbox"/>	<input type="checkbox"/>
Trimethyl phosphite	121-45-9	<input type="checkbox"/>	<input type="checkbox"/>
Tris(2-chloroethyl)amine	555-77-1	<input type="checkbox"/>	<input type="checkbox"/>
Tris(2-chlorovinyl)arsine	40334-70-1	<input type="checkbox"/>	<input type="checkbox"/>



The list above has been reviewed and all chemicals present on site have been indicated by selecting "Yes."

[Q:7.0-721]

- Yes
- No

### Chemical Weapons/Chemical Weapon Precursors (CW/CWP) Chemicals Storage

Check if the chemical is available in man-portable, bulk transportation, or bulk storage containers.

A man-portable container can be moved by 1-3 people without the aid of powered mechanical devices such as fork lifts, trucks or cranes. For gases, man-portable containers are containers of any size up to and including DOT Cylinder Specification 3AA2400 which has a tare weight of 135 lbs and a volume of 1.76 cu ft/49.8 liters. Such containers weigh up to about 400 lbs fully loaded. Note that cylinder tare weight and volume may vary slightly from company to company for those that supply industrial gas in cylinder quantities.

Bulk transportation containers include tank cars, rail cars and other large storage containers that could be hitched to a vehicle for removal from a site.

A bulk storage container is one from which the material could be safely removed without undue potential harm or without the use of special equipment.

Chemical Name	CAS#	Man-portable [Q:7.1-260]	Bulk Transport [Q:7.1-261]	Bulk Storage [Q:7.1-262]
1,1,3,3,3-pentafluoro-2-(trifluoromethyl)-1-propene	382-21-8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1,2-bis(2-chloroethylthio)ethane	3563-36-8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1,3-bis(2-chloroethylthio)-n-propane	63905-10-2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1,4-bis(2-chloroethylthio)-n-butane	142868-93-7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1,5-bis(2-chloroethylthio)-n-pentane	142868-94-8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2-chloroethylchloromethylsulfide	2625-76-5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2-chlorovinylchloroarsine	541-25-3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3,3-dimethyl-2-butanol	464-07-3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3-quinuclidinyl benzilate BZ	1709855	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



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Chemical Name	CAS#	Man- portable [Q:7.1-260]	Bulk Transport [Q:7.1-261]	Bulk Storage [Q:7.1-262]
Arsenous trichloride	7784-34-1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arsenic trichloride				
bis(2-chloroethyl)ethylamine	538-07-8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
bis(2-chloroethyl)methylamine	51-75-2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
bis(2-chloroethyl)sulfide	505-60-2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
bis(2-chloroethylthio)methane	63869-13-6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
bis(2-chloroethylthioethyl)ether	63918-89-8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
bis(2-chloroethylthiomethyl)ether	63918-90-1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
bis(2-chlorovinyl)chloroarsine	40334-69-8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chloropicrin	76-06-2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cyanogen chloride	506-77-4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diethyl ethylphosphonate	78-38-6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diethyl N,N-dimethylphosphoramidate	184150	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diethyl phosphate	762-04-9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dimethyl ethylphosphonate	6163-75-3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dimethyl methylphosphonate	756-79-6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dimethyl phosphate	868-85-9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dimethylphosphoramidodichloridate	677-43-0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diphenyl-2-hydroxyacetic acid benzilic acid	76-93-7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ethyl phosphonyl dichloride	1066-50-8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ethyl phosphonyl difluoride	753-98-0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ethyldiethanolamine	139-87-7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hydrogen cyanide	74-90-8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Methyl phosphonyl dichloride	676-97-1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Methyl phosphonyl difluoride	676-99-3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Methyldiethanolamine	105-59-9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



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Chemical Name	CAS#	Man- portable [Q:7.1-260]	Bulk Transport [Q:7.1-261]	Bulk Storage [Q:7.1-262]
N,N-diisopropyl-2-aminoethyl chloride hydrochloride	4261-68-1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N,N-diisopropyl-β-aminoethanol	96-80-0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N,N-diisopropyl-β-aminoethyl chloride	96-79-7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
o,o-diethyl S-[2-(diethylamino)ethyl] phosphorothiolate Amiton	78-53-5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
o-ethyl-N,N-dimethylphosphoramido- cyanidate Tabun	77-81-6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
o-ethyl-o-2-diisopropylaminoethyl methylphosphonite	57856-11-8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
o-ethyl-S-2-diisopropylaminoethyl methyl phosphonothiolate VX	50782-69-9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
o-isopropyl methylphosphonochloridate Chlorosarin	1445-76-7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
o-isopropyl methylphosphonofluoridate Sarin	107-44-8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
o-pinacolyl methylphosphonochloridate Chlorosoman	7040-57-5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
o-pinacolyl methylphosphonofluoridate Soman	96-64-0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Phosgene	75-44-5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Phosphorus oxychloride Phosphoryl chloride	10025-87-3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Phosphorus pentachloride	10026-13-8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Phosphorus trichloride Phosphorous trichloride	7719-12-2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Quinuclidine-3-ol	1619-34-7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sulfur dichloride	10545-99-0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sulfur monochloride	10025-67-9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Thiodiglycol	111-48-8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



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Chemical Name	CAS#	Man-portable [Q:7.1-260]	Bulk Transport [Q:7.1-261]	Bulk Storage [Q:7.1-262]
Thionyl chloride	2125597	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Triethanolamine	102-71-6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Triethyl phosphite	122-52-1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trimethyl phosphite	121-45-9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tris(2-chloroethyl)amine	555-77-1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tris(2-chlorovinyl)arsine	40334-70-1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



## Sabotage/Contamination Chemicals

### Sabotage/Contamination Chemicals of Concern

The presence or amount of a particular chemical is not the sole factor in determining whether a facility presents a high level of security risk. This information informs the subsequent parts of the Department's assessment. The Department will use its best judgment and all available information in determining whether a facility presents a high level of security risk.

Does the facility ship any of the following sabotage/contamination chemicals from the facility? Check "Yes" if the chemical is present on site at or above the screening threshold quantity.

*(The default settings on this list indicate that the chemicals are NOT present on site. At the end of the list, you must indicate that these settings have been changed as needed for your facility.)*

These chemicals were determined by the US Department of Homeland Security to be a potential security risk at "high risk chemical facilities" as defined in Section 550 the Department of Homeland Security Act of 2007. Chemicals should be selected if they were on site at or above the screening threshold quantity at any time over the past 12 months.

If "No" selected for all chemicals, go to [Mission Critical Chemicals](#) (page 70)

[Q:8.1-722]

Chemical Name	CAS#	Screening Threshold Quantity	Yes	No
Acetone cyanohydrin, stabilized	75-86-5	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Acetyl bromide	506-96-7	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Acetyl chloride	75-36-5	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Acetyl iodide	507-02-8	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Allyltrichlorosilane, stabilized	107-37-9	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Aluminum bromide, anhydrous	7727-15-3	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Aluminum chloride, anhydrous	7446-70-0	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Aluminum phosphide	20859-73-8	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Amyltrichlorosilane	107-72-2	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Antimony pentafluoride	7783-70-2	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Boron tribromide	10294-33-4	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>





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Chemical Name	CAS#	Screening Threshold Quantity	Yes	No
Bromine pentafluoride	7789-30-2	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Bromine trifluoride	7787-71-5	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Butyltrichlorosilane	7521-80-4	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Calcium dithionite	15512-36-4	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Calcium hydrosulfite	15512-36-4	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Calcium phosphide	1305-99-3	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Chlorine dioxide	10049-04-4	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Chloroacetyl chloride	79-04-9	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Chlorosulfonic acid	7790-94-5	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Chromium oxychloride	7803-51-2	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Cyclohexyltrichlorosilane	98-12-4	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Diethyldichlorosilane	1719-53-5	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Dimethyldichlorosilane	75-78-5	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Diphenyldichlorosilane	80-10-4	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Dodecyltrichlorosilane	4484-72-4	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Ethyltrichlorosilane	115-21-9	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Fluorosulfonic acid	7789-21-1	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Hexyltrichlorosilane	928-89-2 6	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Iodine pentafluoride	7783-66-6	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Lithium amide	7782-89-0	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Lithium nitride	26134-62-3	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Magnesium aluminum phosphide		2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Magnesium diamide	7803-54-5	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Magnesium phosphide	12057-74-8	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Methyldichlorosilane	75-54-7	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Methylphenyldichlorosilane	149-74-6	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Methyltrichlorosilane	75-79-6	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>



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Chemical Name	CAS#	Screening Threshold Quantity	Yes	No
Nonyltrichlorosilane	5283-67-0	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Octadecyltrichlorosilane	112-04-9	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Octyltrichlorosilane	5283-66-9	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Phenyltrichlorosilane	98-13-5	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Phosphorus oxychloride	10025-87-3	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Phosphorus pentachloride	10026-13-8	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Phosphorus pentasulfide	1314-80-3	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Phosphorus trichloride	7719-12-2	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Potassium cyanide	151-50-8	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Potassium phosphide	20770-41-6	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Propyltrichlorosilane	141-57-1	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Silicon tetrachloride	10026-04-7	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Sodium cyanide	143-33-9	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Sodium dithionite	7775-14-6	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Sodium hydrosulfite	7775-14-6	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Sodium phosphide	7558-80-7	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Strontium phosphide	13450-99-2	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Sulfuryl chloride	7791-25-5	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Thionyl chloride	7719-09-7	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Titanium tetrachloride	7550-45-0	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Trichlorosilane	10025-78-2	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Trimethylchlorosilane	75-77-4	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Vinyltrichlorosilane	75-94-5	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Zinc dithionite	7779-86-4	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>
Zinc hydrosulfite	7779-86-4	2,000 lbs	<input type="checkbox"/>	<input type="checkbox"/>



The list above has been reviewed and all chemicals present on site at or above the screening threshold quantity have been indicated by selecting "Yes."

[Q:8.1-718]

Yes

No

**Sabotage/Contamination Chemicals Storage**

Check if the chemical is available in bulk transportation containers.

Bulk transportation containers include tank cars, rail cars and other large storage containers that could be hitched to a vehicle for removal from a site.

Chemical Name	CAS#	Screening Threshold Quantity	Bulk Transport [Q:8.2-720]
Acetone cyanohydrin, stabilized	75-86-5	2,000 lbs	<input type="checkbox"/>
Acetyl bromide	506-96-7	2,000 lbs	<input type="checkbox"/>
Acetyl chloride	75-36-5	2,000 lbs	<input type="checkbox"/>
Acetyl iodide	507-02-8	2,000 lbs	<input type="checkbox"/>
Allyltrichlorosilane, stabilized	107-37-9	2,000 lbs	<input type="checkbox"/>
Aluminum bromide, anhydrous	7727-15-3	2,000 lbs	<input type="checkbox"/>
Aluminum chloride, anhydrous	7446-70-0	2,000 lbs	<input type="checkbox"/>
Aluminum phosphide	20859-73-8	2,000 lbs	<input type="checkbox"/>
Amyltrichlorosilane	107-72-2	2,000 lbs	<input type="checkbox"/>
Antimony pentafluoride	7783-70-2	2,000 lbs	<input type="checkbox"/>
Boron tribromide	10294-33-4	2,000 lbs	<input type="checkbox"/>
Bromine pentafluoride	7789-30-2	2,000 lbs	<input type="checkbox"/>
Bromine trifluoride	7787-71-5	2,000 lbs	<input type="checkbox"/>
Butyltrichlorosilane	7521-80-4	2,000 lbs	<input type="checkbox"/>
Calcium dithionite	15512-36-4	2,000 lbs	<input type="checkbox"/>
Calcium hydrosulfite	15512-36-4	2,000 lbs	<input type="checkbox"/>
Calcium phosphide	1305-99-3	2,000 lbs	<input type="checkbox"/>



## CSAT Top-Screen Questions

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Chemical Name	CAS#	Screening Threshold Quantity	Bulk Transport [Q:8.2-720]
Chlorine dioxide	10049-04-4	2,000 lbs	<input type="checkbox"/>
Chloroacetyl chloride	79-04-9	2,000 lbs	<input type="checkbox"/>
Chlorosulfonic acid	7790-94-5	2,000 lbs	<input type="checkbox"/>
Chromium oxychloride	7803-51-2	2,000 lbs	<input type="checkbox"/>
Cyclohexyltrichlorosilane	98-12-4	2,000 lbs	<input type="checkbox"/>
Diethyldichlorosilane	1719-53-5	2,000 lbs	<input type="checkbox"/>
Dimethyldichlorosilane	75-78-5	2,000 lbs	<input type="checkbox"/>
Diphenyldichlorosilane	80-10-4	2,000 lbs	<input type="checkbox"/>
Dodecyltrichlorosilane	4484-72-4	2,000 lbs	<input type="checkbox"/>
Ethyltrichlorosilane	115-21-9	2,000 lbs	<input type="checkbox"/>
Fluorosulfonic acid	7789-21-1	2,000 lbs	<input type="checkbox"/>
Hexyltrichlorosilane	928-89-2 6	2,000 lbs	<input type="checkbox"/>
Iodine pentafluoride	7783-66-6	2,000 lbs	<input type="checkbox"/>
Lithium amide	7782-89-0	2,000 lbs	<input type="checkbox"/>
Lithium nitride	26134-62-3	2,000 lbs	<input type="checkbox"/>
Magnesium aluminum phosphide		2,000 lbs	<input type="checkbox"/>
Magnesium diamide	7803-54-5	2,000 lbs	<input type="checkbox"/>
Magnesium phosphide	12057-74-8	2,000 lbs	<input type="checkbox"/>
Methyldichlorosilane	75-54-7	2,000 lbs	<input type="checkbox"/>
Methylphenyldichlorosilane	149-74-6	2,000 lbs	<input type="checkbox"/>
Methyltrichlorosilane	75-79-6	2,000 lbs	<input type="checkbox"/>
Nonyltrichlorosilane	5283-67-0	2,000 lbs	<input type="checkbox"/>
Octadecyltrichlorosilane	112-04-9	2,000 lbs	<input type="checkbox"/>
Octyltrichlorosilane	5283-66-9	2,000 lbs	<input type="checkbox"/>
Phenyltrichlorosilane	98-13-5	2,000 lbs	<input type="checkbox"/>
Phosphorus oxychloride	10025-87-3	2,000 lbs	<input type="checkbox"/>



## CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 12/31/2007

Chemical Name	CAS#	Screening Threshold Quantity	Bulk Transport [Q:8.2-720]
Phosphorus pentachloride	10026-13-8	2,000 lbs	<input type="checkbox"/>
Phosphorus pentasulfide	1314-80-3	2,000 lbs	<input type="checkbox"/>
Phosphorus trichloride	7719-12-2	2,000 lbs	<input type="checkbox"/>
Potassium cyanide	151-50-8	2,000 lbs	<input type="checkbox"/>
Potassium phosphide	20770-41-6	2,000 lbs	<input type="checkbox"/>
Propyltrichlorosilane	141-57-1	2,000 lbs	<input type="checkbox"/>
Silicon tetrachloride	10026-04-7	2,000 lbs	<input type="checkbox"/>
Sodium cyanide	143-33-9	2,000 lbs	<input type="checkbox"/>
Sodium dithionite	7775-14-6	2,000 lbs	<input type="checkbox"/>
Sodium hydrosulfite	7775-14-6	2,000 lbs	<input type="checkbox"/>
Sodium phosphide	7558-80-7	2,000 lbs	<input type="checkbox"/>
Strontium phosphide	13450-99-2	2,000 lbs	<input type="checkbox"/>
Sulfuryl chloride	7791-25-5	2,000 lbs	<input type="checkbox"/>
Thionyl chloride	7719-09-7	2,000 lbs	<input type="checkbox"/>
Titanium tetrachloride	7550-45-0	2,000 lbs	<input type="checkbox"/>
Trichlorosilane	10025-78-2	2,000 lbs	<input type="checkbox"/>
Trimethylchlorosilane	75-77-4	2,000 lbs	<input type="checkbox"/>
Vinyltrichlorosilane	75-94-5	2,000 lbs	<input type="checkbox"/>
Zinc dithionite	7779-86-4	2,000 lbs	<input type="checkbox"/>
Zinc hydrosulfite	7779-86-4	2,000 lbs	<input type="checkbox"/>



## Mission Critical Chemicals

### Mission Critical Production

**Does this facility account for 20% or more of the domestic production of any one chemical to one or more critical infrastructure sectors? The critical infrastructure sectors are defined as Defense Industrial Base, Energy (electric generation only), Public Health and Healthcare, or Public Drinking Water.**

[Q:9.0-692]

Yes

No

▲ This question should be answered "Yes" if this facility accounts for 20% or more of the domestic production of a chemical to one or more critical infrastructure sectors. A single facility may produce more than one chemical that meets the criteria.

If answered "No", go to [Economically Critical Chemicals](#) (page 74)

For each chemical, copy the following pages (71-73) and answer the following fields:

- "Chemical Name"
- "Enter the CAS# (if available)"
- "Is there another common name for this chemical?"
- "Select the facility's estimated domestic market share of this chemical."
- "What is the primary application of this chemical by this facility's customer(s)?"
- "Indicate the primary sector(s) for which this facility produces this chemical."
- "Exact (or direct) substitute(s) for this chemical produced to meet the supply needs of this facility's customer(s)"
  - Is there North American production?
  - Is there overseas production?
- "Functional substitute(s) for this chemical produced to meet the supply needs of this facility's customer(s)"
  - Is there North American production?
  - Is there overseas production?
- "What is this facility's estimated annual average Capacity Utilization Rate for this chemical?"
- "What is this facility's estimated National Emergency Production Rate for this chemical?"
- "What is the total annual production of this chemical (in pounds/year) from this facility?"
- "What is the estimated replacement cost of the production unit(s) for this chemical at this facility?"

For each chemical listed, enter the appropriate information, then go to [Economically Critical Chemicals](#) (page 74)



## CSAT Top-Screen Questions

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**Enter the chemical name(s) that account for 20% of the domestic production to one or more critical infrastructure sectors. The critical infrastructure sectors are defined as Defense Industrial Base, Energy (electric generation only), Public Health and Healthcare, or Public Drinking Water.**

*For each chemical, enter the appropriate information.*

### Chemical Name

[Q:9.1-693]

### Enter the CAS# (if available).

**CAS#** [Q:9.3-852]

### Is there another common name for this chemical?

[Q:9.3-733]

▲ This question is optional if you provided a CAS#.

### Select the facility's estimated domestic market share of this chemical.

[Q:9.3-734]

- 20% - 29%
- 30% - 39%
- 40% - 50%
- 50% - 99%
- 100%

### What is the primary application of this chemical by this facility's customer(s)?

[Q:9.3-737]



**Indicate the primary sector(s) for which this facility produces this chemical. Check all that apply.**

[Q:9.3-1131]

- Defense Industrial Base
- Public Health or Healthcare
- Energy (electric generation only)
- Public Drinking Water

**Exact (or direct) substitute(s) for this chemical produced to meet the supply needs of this facility's customer(s):**

Is there North American production? [Q:9.4-755]  Yes  No

Is there overseas production? [Q:9.4-756]  Yes  No

**Functional substitute(s) for this chemical produced to meet the supply needs of this facility's customer(s):**

Is there North American production? [Q:9.4-759]  Yes  No

Is there overseas production? [Q:9.4-760]  Yes  No

**What is this facility's estimated annual average Capacity Utilization Rate for this chemical?**

**Capacity Utilization Rate** [Q:9.5-762]

- < 50%
- 50% - 69%
- 70% - 89%
- >= 90%

Explain: "Capacity Utilization Rate" (operating rate) is estimated by dividing the average amount of the chemical produced over the previous two years by the amount that could have been produced if the facility had been operating at full capacity during that period. The rate may be derived from the information your facility may have already provided as part of the U.S. Census Bureau's Annual Plant Capacity Utilization Survey (form MQ-C1, question 2c). The survey and instructions are available at <http://www.census.gov/cir/www/mqc1pag2.html>. Assumptions that should be used for estimating this rate are available in the related downloadable guidance on the DHS website.

**What is this facility's estimated National Emergency Production Rate for this chemical?**

**Emergency Production Rate** [Q:9.5-763]

- < 50%
- 50% - 69%
- 70% - 89%
- >= 90%





**Explain:** The National Emergency Production Rate is estimated by dividing the average amount of chemical produced over the previous two (2) years by the amount that could have been produced if the plant had been operating under national emergency conditions during that period. The rate may be derived from the information your facility may have already provided as part of the U.S. Census Bureau's Annual Plant Capacity Utilization Survey (form MQ-C1, question 2c). The survey and instructions are available at <http://www.census.gov/cir/www/mqc1pag2.html>. Assumptions that should be used for estimating this rate are available in the related downloadable guidance on the DHS website. Your rate of production at national emergency levels should be greater than or equal to the rate of full production capacity.

**What is the total annual production of this chemical (in pounds/year) from this facility?**

**Annual Production** [Q:9.5-764]

**Explain:** This information is similar to that which is reported under EPA's Inventory Update Rule (for updating the Toxic Substances Control Act Chemical Inventory Database) for those organic and inorganic substances manufactured or imported in quantities of 25,000 pounds per site per reporting year. Report production only, not imports. If your chemical is not on the TSCA Inventory, provide an estimate of your annual production.

**What is the estimated replacement cost of the production unit(s) for this chemical at this facility?**

**Replacement Cost(s) of Production Units** [Q:9.5-765]

- > \$1,000,000,000
- \$750,000,000 - \$1,000,000,000
- \$500,000,000 - \$749,999,999
- \$100,000,000 - \$499,999,999
- \$50,000,000 - \$99,999,999
- \$25,000,000 - \$49,999,999
- \$12,000,000 - \$24,999,999
- \$6,000,000 - \$11,999,999
- < \$6,000,000

**Explain:** Replacement Costs apply to the production unit(s) related to the manufacture of this chemical and any other onsite property likely to be damaged beyond repair that would need to be replaced to restore the original functionality of the unit or equipment to its design productivity levels. The economic value to repair or replace the damaged or destroyed unit(s) and its associated equipment, plus the economic value of any lost products, should be estimated in US dollars. For the purposes of this analysis use the historic (undepreciated) cost of the facility property plus the undepreciated value of betterments/improvements (excluding maintenance and repair) to the production unit less the amount that is covered by insurance.

**Have you listed all chemicals that account for 20% of the domestic production to one or more critical infrastructure sectors?**

[Q:9.1-2772]

**Yes**

Go to *Economically Critical Chemicals* (page 74)



## Economically Critical Chemicals

### Economically Critical Production

**What is the total value of products shipped and other receipts from the facility? (In dollars - number without dollar sign or commas)**

[Q:10.0-691]

▲ The total value will be the same as that provided in the Annual Survey of Manufactures (conducted annually for a sample of manufacturing sectors every year except those ending in "2" and "7") or in the Economic Census (a survey of all manufacturing sectors conducted only in years ending in "2" and "7"). Information and sample forms are available by searching for the survey names at the Census Bureau website <http://www.census.gov/index.html>. Facilities may provide the response from a recent Census Bureau survey if the information accurately reflects current facility operations.

**Excluding production for critical infrastructure sector(s), does this facility account for 35% or more of the domestic production of any one chemical for the other sectors of the US market. Do not include production to the critical infrastructure sectors defined as Defense Industrial Base, Energy (electric generation only), Public Health and Healthcare, or Public Drinking Water.**

[Q:10.0-771]

Yes

No

▲ This question should be answered "Yes" if this facility's production accounts for 35% or more of the domestic production of a chemical and this chemical is not supplied to Defense Industrial Base, Energy (electric generation only), Public Health and Healthcare, or Public Drinking Water.

*If answered "No", go to page 80*

*For each chemical, copy the following pages (76-79) and answer the following fields:*

- "Chemical Name"
- "Enter the CAS# (if available)"
- "Is there another common name for this chemical?"
- "Select the facility's estimated domestic market share of this chemical."
- "What is the application(s) of this chemical by this facility's customer(s)?"
- "Enter other application(s) of this chemical by this facility's customer(s) that were not listed on the previous page."
- "Indicate the primary sector(s) for which this facility produces this chemical."
- "Enter other primary sector(s) for which this facility produces this chemical that was not listed on the previous page."
- "Exact (or direct) substitute(s) for this chemical produced to meet the supply needs of this facility's customer(s)"
  - Is there North American production?
  - Is there overseas production?



## CSAT Top-Screen Questions

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- 
- *“Functional substitute(s) for this chemical produced to meet the supply needs of this facility’s customer(s)”*
    - *Is there North American production?*
    - *Is there overseas production?*
  - *“What is this facility’s estimated annual average Capacity Utilization Rate for this chemical?”*
  - *“What is this facility’s estimated National Emergency Production Rate for this chemical?”*
  - *“What is the total annual production of this chemical (in pounds/year) from this facility?”*
  - *“What is the estimated replacement cost of the production unit(s) for this chemical at this facility?”*



## CSAT Top-Screen Questions

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**Enter the chemical name(s) that account for 35% or more of the domestic production for the other sectors of the US market. Do not include production to the critical infrastructure sectors defined as Defense Industrial Base, Energy (electric generation only), Public Health and Healthcare, or Public Drinking Water.**

*For each chemical, enter the appropriate information.*

### Chemical Name

[Q:10.1-772]

### Enter the CAS# (if available).

**CAS#** [Q:9.3-852]

### Is there another common name for this chemical?

[Q:10.2-872]

▲ This question is optional if you provided a CAS#.

### Select the facility's estimated domestic market share of this chemical.

[Q:10.2-873]

- 35% - 49%
- 50% - 75%
- 76% - 99%
- 100%

### What is the application(s) of this chemical by this facility's customer(s)? Check all that apply.

[Q:10.3-793]

- Adhesive or Sealant
- Catalyst
- Coating
- Cosmetic additive
- Electronic chemical
- Fine chemical
- Flavor or fragrance
- Food additive
- Functional fuel or lubricant additive
- Institutional or industrial cleaner
- Oilfield chemical
- Paper additive



## CSAT Top-Screen Questions

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- Plastic additive
- Plastic compounding
- Rubber processing chemical
- Water management chemical
- Pharmaceutical (active ingredient)
- Consumer product (e.g., soaps, cosmetics, toiletries)
- Check for other primary sector(s) not listed. [Q:10.5-914]

**Enter other application(s) of this chemical by this facility's customer(s) that were not listed on the previous page.**

[Q:10.4-912]

**Indicate the primary sector(s) for which this facility produces this chemical. Check all that apply.**

[Q:10.5-794]

- Agriculture and food
- Energy (except electric generation)
- National Monuments and Icons
- Banking and Finance
- Public Water Treatment Systems (not drinking water systems)
- Commercial facilities
- Dams, Locks & Levees
- Emergency Services
- Commercial Nuclear Reactors, Materials and Wastes
- Information Technology
- Telecommunications
- Postal and Shipping
- Transportation Systems
- Government Facilities
- Check for other primary sector(s) not listed. [Q:10.5-914]

**Enter other primary sector(s) for which this facility produces this chemical that was not listed on the previous page.**

[Q:10.6-915]



**Exact (or direct) substitute(s) for this chemical produced to meet the supply needs of this facility's customer(s):**

Is there North American production? [Q:10.7-815]  Yes  No

Is there overseas production? [Q:10.7-816]  Yes  No

**Functional substitute(s) for this chemical produced to meet the supply needs of this facility's customer(s):**

Is there North American production? [Q:10.7-812]  Yes  No

Is there overseas production? [Q:10.7-813]  Yes  No

**What is this facility's estimated annual average Capacity Utilization Rate for this chemical?**

**Capacity Utilization Rate** [Q:10.8-818]

- < 50%
- 50% - 69%
- 70% - 89%
- >= 90%

Explain: "Capacity Utilization Rate" (operating rate) is estimated by dividing the average amount of the chemical produced over the previous two years by the amount that could have been produced if the facility had been operating at full capacity during that period. The rate may be derived from the information your facility may have already provided as part of the U.S. Census Bureau's Annual Plant Capacity Utilization Survey (form MQ-C1, question 2c). The survey and instructions are available at <http://www.census.gov/cir/www/mqc1pag2.html>. Assumptions that should be used for estimating this rate are available in the related downloadable guidance on the DHS website.

**What is this facility's estimated National Emergency Production Rate for this chemical?**

**Emergency Production Rate** [Q:10.8-820]

- < 50%
- 50% - 69%
- 70% - 89%
- >= 90%

Explain: The National Emergency Production Rate is estimated by dividing the average amount of chemical produced over the previous two (2) years by the amount that could have been produced if the plant had been operating under national emergency conditions during that period. The rate may be derived from the information your facility may have already provided as part of the U.S. Census Bureau's Annual Plant Capacity Utilization Survey (form MQ-C1, question 2c). The survey and instructions are available at <http://www.census.gov/cir/www/mqc1pag2.html>. Assumptions that should be used for estimating this rate are available in the related downloadable guidance on the DHS website. Your rate of production at national emergency levels should be greater than or equal to the rate of full production capacity.



**What is the total annual production of this chemical (in pounds/year) from this facility?**

**Annual Production**

[Q:10.8-821]

Explain: This information is similar to that which is reported under EPA's Inventory Update Rule (for updating the Toxic Substances Control Act Chemical Inventory Database) for those organic and inorganic substances manufactured or imported in quantities of 25,000 pounds per site per reporting year. Report production only, not imports. If your chemical is not on the TSCA Inventory, provide an estimate of your annual production.

**What is the estimated replacement cost of the production unit(s) for this chemical at this facility?**

**Replacement Cost(s) of Production Units** [Q:10.8-822]

- > \$1,000,000,000
- \$750,000,000 - \$1,000,000,000
- \$500,000,000 - \$749,999,999
- \$100,000,000 - \$499,999,999
- \$50,000,000 - \$99,999,999
- \$25,000,000 - \$49,999,999
- \$12,000,000 - \$24,999,999
- \$6,000,000 - \$11,999,999
- < \$6,000,000

Explain: Replacement Costs apply to the production unit(s) related to the manufacture of this chemical and any other onsite property likely to be damaged beyond repair that would need to be replaced to restore the original functionality of the unit or equipment to its design productivity levels. The economic value to repair or replace the damaged or destroyed unit(s) and its associated equipment, plus the economic value of any lost products, should be estimated in US dollars. For the purposes of this analysis use the historic (undepreciated) cost of the facility property plus the undepreciated value of betterments/improvements (excluding maintenance and repair) to the production unit less the amount that is covered by insurance.

**Have you listed all chemicals that account for 35% or more of the domestic production for the other sectors of the US market?**

[Q:10.1-2774]

- Yes**



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## **Finish**

### **Submitter Copy**

A copy of the completed survey will be sent to the Submitter.

### **Preparer Copy**

**Do you want copies of communications from DHS about this facility to be sent to the Preparer in addition to the Submitter?**

[Q:15.2-931]

- Yes
- No