

# CSAT Top-Screen

Questions

July 2008

Version 2.5.a



Homeland  
Security



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## **Change Log**

### **Version 2.0.a -> Version 2.5.a**

- Changed version number to 2.5.a
- Updated table of contents
- Added Toxic UG storage type and containment questions and associated guidance.
- Removed Release Flammable questions referring to Methane only.
- Added Flammable UG storage category questions and associated guidance.
- Changed Methane cavern questions to cavern/non-cavern type containment for any UG Flammable COI.

### **Version 2.0 -> Version 2.0.a**

- Changed version number to 2.0.a
- Changed date on cover page to June 2008
- Updated table of contents
- Added "Change Log" page
- Changed point of contact to Dennis Deziel
- Changed Chemical Security Compliance Division to Infrastructure Security Compliance Division
- Changed PRA Expiration date to 5/31/2011



## **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.

### **Paperwork Burden Notice:**

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: NPPD/OIP/Infrastructure Security Compliance Division, Attention: Dennis Deziel, Project Manager, U.S. Department of Homeland Security, Mail Stop 8100, Washington, DC 20528-8100.

(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.

### **Submission Statement:**

My statements in this submission are true, complete, and correct to the best of my knowledge and belief and are made in good faith. I understand that a knowing and willful false statement on this form can be punished by fine or imprisonment or both. (See section 1001 of title 18, United States Code).



**Facility Information**

**Facility Name**

▲ 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')

**Facility Location Address**

▲ 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)**

**Facility Location Address (continued)**

▲ 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**

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

**Facility Location State**

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

**Facility Location ZIP Code**

▲ 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 Coordinates**

Latitude/Longitude Instructions:

1. Go to The National Map on TerraServer <http://terraserver.microsoft.com/>, enter your street, city, and state then click GO.
2. TerraServer will present one or more "Available Image" links. Click on the most recent.



3. View the image that will be displayed to verify that your site is at the approximate latitude/longitude shown.
4. Copy the Latitude and Longitude from TerraServer into the boxes below.
5. Click here to verify your coordinates

**Facility Latitude**

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

**Facility Longitude**

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

### Facility Description

**Alternative Facility Name**

[Q:1.0-62]

Provide alternative names under which the facility may be known.



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]

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
- Liquefied natural gas storage

### 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 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 a 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 as defined by the Safe Drinking Water Act, but also contains components that are not covered by that definition, select "Partially" and continue to fill out the screen for the portion of the facility not so defined 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 facility contains a Treatment Works as defined by the Federal Water Pollution Control Act, but also contains components that are not covered by that definition, select "Partially" and continue to fill out the screen for the portion of the facility not so defined 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 RMP 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://www.epa.gov/emergencies/content/rmp/index.htm>

*If Yes, fill in EPA RMP Facility Identifier number*

**Provide the EPA RMP 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 RMP Facility Identifier**

**Collocated Facility**

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

[Q:1.43-397]

- Facility is host to a collocated tenant facility
- Facility is a collocated tenant facility
- Not applicable

▲ A facility that is collocated 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 RMP Facility Identifier.**

**Host/Tenant Facility**

[Q:1.44-398]

**Host/Tenant EPA RMP 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. Do not use commas when entering data.

### 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 SVA Methodology and SVA Date Fields*



## SVA Methodology

Enter the Name of the SVA Methodology

SVA methodology  
[Q:1.482-653]

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

Date of the most recent security vulnerability assessment  
[Q:1.482-654]

▲ 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 Liquefied Natural Gas Storage, fill in Liquefied Natural Gas Capacity and Liquefied Natural Gas Exclusion Zone fields

If facility is a chemical facility, go to [Release of Toxics](#) (page 17)

## Refinery Capacity

Enter the production capacity of the refinery in barrels per day. The production capacity, also known as the nameplate capacity, is the product output under conditions optimized for maximum quantity for the production facility, as demonstrated by one or more test-runs. Do not use commas when entering the numbers.

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

Enter the design capacity, or theoretically calculated product output, of the refinery in barrels per day. The design capacity of an operable petroleum refinery is expressed in terms of barrels per day of crude capacity, cracking capacity, desulphurization, or amounts of products by grade. Do not use commas when entering the numbers.

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.

Fuel Type	Regional Market Share (%)	State/Region Supplied
<b>Gasoline</b> [Q:1.51-655]	<input type="text"/>	<input type="text"/>
<b>Diesel</b> [Q:1.51-657]	<input type="text"/>	<input type="text"/>
<b>Jet Fuel/Kerosene</b> [Q:1.51-659]	<input type="text"/>	<input type="text"/>
<b>LPG</b> [Q:1.51-661]	<input type="text"/>	<input type="text"/>
<b>Home Heating Oil</b> [Q:1.51-663]	<input type="text"/>	<input type="text"/>



### 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)

Enter the name of each airport supplied by this refinery. For each 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

Enter each military installation supplied by the refinery. Enter the refinery's share (0% to 100%) of total deliveries of Gasoline, Diesel, and Aviation Fuel to the installation.

**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 Toxics](#) (page 17)

### Liquefied Natural Gas (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.

### Liquefied Natural Gas 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.



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

**Liquefied Natural Gas Exclusion Zone Exception**

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

[Q:1.91-669]

**Liquefied Natural Gas Exclusion Details**

**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 Toxics](#) (page 17)





## Release Toxics

### Release Toxic Chemicals of Interest

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 release toxic chemicals of interest (COI) at or above the screening threshold quantity at your facility?

Check "Yes" if the facility either currently possesses or possessed within the past 60 days the COI at or above the screening threshold quantity.

*(The default settings on this list indicate that the chemicals are NOT currently present on site nor have been onsite within the past 60 days. At the end of the list, you must indicate that these settings have been changed as applicable to the 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. A facility should indicate which COI it either currently possesses or possessed within the past 60 days at or above the screening threshold quantity.

If "No" selected for all chemicals, go to [Release Flammables](#) (page 47)



# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

[Q:2.0-121]

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Do you manufacture, process, use, store, or distribute any of the following release toxic chemicals of interest (COI) at or above the screening threshold quantity at your facility?	
				Yes	No
Acrolein [2-Propenal or Acrylaldehyde]	107-02-8	1.00%	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Allyl alcohol [2-Propen-1-ol]	107-18-6	1.00%	15,000 lbs	<input type="radio"/>	<input type="radio"/>
Ammonia (anhydrous)	7664-41-7	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Ammonia (conc. 20% or greater)	7664-41-7	20.00%	20,000 lbs	<input type="radio"/>	<input type="radio"/>
Arsenic trichloride [Arsenous trichloride]	7784-34-1	1.00%	15,000 lbs	<input type="radio"/>	<input type="radio"/>
Arsine	7784-42-1	1.00%	1,000 lbs	<input type="radio"/>	<input type="radio"/>
Boron trichloride [Borane, trichloro]	10294-34-5	1.00%	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Boron trifluoride [Borane, trifluoro]	7637-07-2	1.00%	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Boron trifluoride compound with methyl ether (1:1) [Boron, trifluoro [oxybis (methane)]-, T-4-]	353-42-4	1.00%	15,000 lbs	<input type="radio"/>	<input type="radio"/>
Bromine	7726-95-6	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Carbon disulfide	75-15-0	1.00%	20,000 lbs	<input type="radio"/>	<input type="radio"/>



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Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Do you manufacture, process, use, store, or distribute any of the following release toxic chemicals of interest (COI) at or above the screening threshold quantity at your facility?	
				Yes	No
Chlorine	7782-50-5	1.00%	2,500 lbs	<input type="radio"/>	<input type="radio"/>
Chlorine dioxide [Chlorine oxide, ClO <sub>2</sub> ]	10049-04-4	1.00%	1,000 lbs	<input type="radio"/>	<input type="radio"/>
Chloroform [Methane, trichloro-]	67-66-3	1.00%	20,000 lbs	<input type="radio"/>	<input type="radio"/>
Chloromethyl ether [Methane, oxybis(chloro-)]	542-88-1	1.00%	1,000 lbs	<input type="radio"/>	<input type="radio"/>
Chloromethyl methyl ether [Methane, chloromethoxy-]	107-30-2	1.00%	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Cyanogen chloride	506-77-4	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Cyclohexylamine [Cyclohexanamine]	108-91-8	1.00%	15,000 lbs	<input type="radio"/>	<input type="radio"/>
Diborane	19287-45-7	1.00%	2,500 lbs	<input type="radio"/>	<input type="radio"/>
Epichlorohydrin [Oxirane, (chloromethyl)-]	106-89-8	1.00%	20,000 lbs	<input type="radio"/>	<input type="radio"/>
Ethylenediamine [1,2-Ethanediamine]	107-15-3	1.00%	20,000 lbs	<input type="radio"/>	<input type="radio"/>
Fluorine	7782-41-4	1.00%	1,000 lbs	<input type="radio"/>	<input type="radio"/>



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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Do you manufacture, process, use, store, or distribute any of the following release toxic chemicals of interest (COI) at or above the screening threshold quantity at your facility?	
				Yes	No
Formaldehyde (solution)	50-00-0	1.00%	15,000 lbs	<input type="radio"/>	<input type="radio"/>
Hydrochloric acid (conc. 37% or greater)	7647-01-0	37.00%	15,000 lbs	<input type="radio"/>	<input type="radio"/>
Hydrocyanic acid	74-90-8	1.00%	2,500 lbs	<input type="radio"/>	<input type="radio"/>
Hydrofluoric acid (conc. 50% or greater)	7664-39-3	50.00%	1,000 lbs	<input type="radio"/>	<input type="radio"/>
Hydrogen chloride (anhydrous)	7647-01-0	1.00%	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Hydrogen fluoride (anhydrous)	7664-39-3	1.00%	1,000 lbs	<input type="radio"/>	<input type="radio"/>
Hydrogen sulfide	7783-06-4	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Isobutyronitrile [Propanenitrile, 2-methyl-]	78-82-0	1.00%	20,000 lbs	<input type="radio"/>	<input type="radio"/>
Isopropyl chloroformate [Carbonochloridic acid, 1-methylethyl ester]	108-23-6	1.00%	15,000 lbs	<input type="radio"/>	<input type="radio"/>
Methacrylonitrile [2-Propenenitrile, 2-methyl-]	126-98-7	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Methyl hydrazine [Hydrazine, methyl-]	60-34-4	1.00%	15,000 lbs	<input type="radio"/>	<input type="radio"/>
Methyl isocyanate [Methane, isocyanato-]	624-83-9	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>



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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Do you manufacture, process, use, store, or distribute any of the following release toxic chemicals of interest (COI) at or above the screening threshold quantity at your facility?	
				Yes	No
Methyl thiocyanate [Thiocyanic acid, methyl ester]	556-64-9	1.00%	20,000 lbs	<input type="radio"/>	<input type="radio"/>
Nitric acid	7697-37-2	80.00%	15,000 lbs	<input type="radio"/>	<input type="radio"/>
Nitric oxide [Nitrogen oxide (NO)]	10102-43-9	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Oleum (Fuming Sulfuric acid) [Sulfuric acid, mixture with sulfur trioxide]	8014-95-7	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Perchloromethylmercaptan [Methanesulfenyl chloride, trichloro-]	594-42-3	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Phosgene [Carbonic dichloride] or [carbonyl dichloride]	75-44-5	1.00%	500 lbs	<input type="radio"/>	<input type="radio"/>
Phosphorus oxychloride [Phosphoryl chloride]	10025-87-3	1.00%	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Phosphorus trichloride	7719-12-2	1.00%	15,000 lbs	<input type="radio"/>	<input type="radio"/>
Propionitrile [Propanenitrile]	107-12-0	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Propyleneimine [Aziridine, 2-methyl-]	75-55-8	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Sulfur dioxide (anhydrous)	7446-09-5	1.00%	5,000 lbs	<input type="radio"/>	<input type="radio"/>



# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Do you manufacture, process, use, store, or distribute any of the following release toxic chemicals of interest (COI) at or above the screening threshold quantity at your facility?	
				Yes	No
Sulfur tetrafluoride [Sulfur fluoride (SF <sub>4</sub> ), (T-4)-]	7783-60-0	1.00%	2,500 lbs	<input type="radio"/>	<input type="radio"/>
Sulfur trioxide	7446-11-9	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Tetramethyllead [Plumbane, tetramethyl-]	75-74-1	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Titanium tetrachloride [Titanium chloride (TiCl <sub>4</sub> ) (T-4)-]	7550-45-0	1.00%	2,500 lbs	<input type="radio"/>	<input type="radio"/>

The list above has been reviewed and all chemicals of interest that the facility either currently possesses or possessed within the past 60 days at or above the screening threshold quantity have been indicated by selecting "Yes."

[Q:2.0-631]

- Yes
- No



## Release Toxic Chemicals of Interest - Detail

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 on-site quantity of the release toxic COI in pounds. Enter the distance of concern reported by RMP\*Comp in miles.

The total on-site quantity is the highest amount that the facility either currently possesses or possessed within the past 60 days. **Round the quantity to two significant digits** (e.g., round 247500 pounds to 250000 pounds, and round 7625 pounds to 7600 pounds). Do not use commas when entering data.

The Distance of Concern that should be reported is the downwind distance calculated using RMP\*Comp for total on-site quantity of the regulated chemical, using additional process conditions for this chemical. Report all distances shorter than 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>)

Under CFATS, a COI is considered stored underground if it is stored in a containment vessel (e.g., a tank) that is physically buried in the ground, is stored in a containment vessel below grade, or stored in cavern or non-cavern type containment. Basement level storage would not be considered underground if the containment vessels are portable. If any amount of the COI is stored underground the facility must select Yes, and will then be required to answer a series of specific questions on underground storage.



# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min Conc.	Screening Threshold Quantity	Total On-site Quantity (pounds)	Distance of Concern (miles)	Is the Toxic COI Stored Underground? [Q:2.1-7958]	
				[Q:2.1-124]	[Q:2.1-126]	Yes	No
Acrolein [2-Propenal or Acrylaldehyde]	107-02-8	1.00%	5,000 lbs			<input type="radio"/>	<input type="radio"/>
Allyl alcohol [2-Propen-1-ol]	107-18-6	1.00%	15,000 lbs			<input type="radio"/>	<input type="radio"/>
Ammonia (anhydrous)	7664-41-7	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Ammonia (conc. 20% or greater)	7664-41-7	20.00%	20,000 lbs			<input type="radio"/>	<input type="radio"/>
Arsenic trichloride [Arsenous trichloride]	7784-34-1	1.00%	15,000 lbs			<input type="radio"/>	<input type="radio"/>
Arsine	7784-42-1	1.00%	1,000 lbs			<input type="radio"/>	<input type="radio"/>
Boron trichloride [Borane, trichloro]	10294-34-5	1.00%	5,000 lbs			<input type="radio"/>	<input type="radio"/>
Boron trifluoride [Borane, trifluoro]	7637-07-2	1.00%	5,000 lbs			<input type="radio"/>	<input type="radio"/>
Boron trifluoride compound with methyl ether (1:1) [Boron, trifluoro [oxybis (methane)]-, T-4-]	353-42-4	1.00%	15,000 lbs			<input type="radio"/>	<input type="radio"/>
Bromine	7726-95-6	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Carbon disulfide	75-15-0	1.00%	20,000 lbs			<input type="radio"/>	<input type="radio"/>
Chlorine	7782-50-5	1.00%	2,500 lbs			<input type="radio"/>	<input type="radio"/>





# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min Conc.	Screening Threshold Quantity	Total On-site Quantity (pounds)	Distance of Concern (miles)	Is the Toxic COI Stored Underground? [Q:2.1-7958]	
				[Q:2.1-124]	[Q:2.1-126]	Yes	No
Chlorine dioxide [Chlorine oxide, ClO <sub>2</sub> ]	10049-04-4	1.00%	1,000 lbs			<input type="radio"/>	<input type="radio"/>
Chloroform [Methane, trichloro-]	67-66-3	1.00%	20,000 lbs			<input type="radio"/>	<input type="radio"/>
Chloromethyl ether [Methane, oxybis(chloro-)]	542-88-1	1.00%	1,000 lbs			<input type="radio"/>	<input type="radio"/>
Chloromethyl methyl ether [Methane, chloromethoxy-]	107-30-2	1.00%	5,000 lbs			<input type="radio"/>	<input type="radio"/>
Cyanogen chloride	506-77-4	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Cyclohexylamine [Cyclohexanamine]	108-91-8	1.00%	15,000 lbs			<input type="radio"/>	<input type="radio"/>
Diborane	19287-45-7	1.00%	2,500 lbs			<input type="radio"/>	<input type="radio"/>
Epichlorohydrin [Oxirane, (chloromethyl)-]	106-89-8	1.00%	20,000 lbs			<input type="radio"/>	<input type="radio"/>
Ethylenediamine [1,2-Ethanediamine]	107-15-3	1.00%	20,000 lbs			<input type="radio"/>	<input type="radio"/>
Fluorine	7782-41-4	1.00%	1,000 lbs			<input type="radio"/>	<input type="radio"/>
Formaldehyde (solution)	50-00-0	1.00%	15,000 lbs			<input type="radio"/>	<input type="radio"/>
Hydrochloric acid (conc. 37% or greater)	7647-01-0	37.00%	15,000 lbs			<input type="radio"/>	<input type="radio"/>



# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min Conc.	Screening Threshold Quantity	Total On-site Quantity (pounds)	Distance of Concern (miles)	Is the Toxic COI Stored Underground? [Q:2.1-7958]	
				[Q:2.1-124]	[Q:2.1-126]	Yes	No
Hydrocyanic acid	74-90-8	1.00%	2,500 lbs			<input type="radio"/>	<input type="radio"/>
Hydrofluoric acid (conc. 50% or greater)	7664-39-3	50.00%	1,000 lbs			<input type="radio"/>	<input type="radio"/>
Hydrogen chloride (anhydrous)	7647-01-0	1.00%	5,000 lbs			<input type="radio"/>	<input type="radio"/>
Hydrogen fluoride (anhydrous)	7664-39-3	1.00%	1,000 lbs			<input type="radio"/>	<input type="radio"/>
Hydrogen sulfide	7783-06-4	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Isobutyronitrile [Propanenitrile, 2-methyl-]	78-82-0	1.00%	20,000 lbs			<input type="radio"/>	<input type="radio"/>
Isopropyl chloroformate [Carbonochloridic acid, 1-methylethyl ester]	108-23-6	1.00%	15,000 lbs			<input type="radio"/>	<input type="radio"/>
Methacrylonitrile [2-Propenenitrile, 2-methyl-]	126-98-7	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Methyl hydrazine [Hydrazine, methyl-]	60-34-4	1.00%	15,000 lbs			<input type="radio"/>	<input type="radio"/>
Methyl isocyanate [Methane, isocyanato-]	624-83-9	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Methyl thiocyanate [Thiocyanic acid, methyl ester]	556-64-9	1.00%	20,000 lbs			<input type="radio"/>	<input type="radio"/>
Nitric acid	7697-37-2	80.00%	15,000 lbs			<input type="radio"/>	<input type="radio"/>



## CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min Conc.	Screening Threshold Quantity	Total On-site Quantity (pounds)	Distance of Concern (miles)	Is the Toxic COI Stored Underground? [Q:2.1-7958]	
				[Q:2.1-124]	[Q:2.1-126]	Yes	No
Nitric oxide [Nitrogen oxide (NO)]	10102-43-9	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Oleum (Fuming Sulfuric acid) [Sulfuric acid, mixture with sulfur trioxide]	8014-95-7	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Perchloromethylmercaptan [Methanesulfonyl chloride, trichloro-]	594-42-3	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Phosgene [Carbonic dichloride] or [carbonyl dichloride]	75-44-5	1.00%	500 lbs			<input type="radio"/>	<input type="radio"/>
Phosphorus oxychloride [Phosphoryl chloride]	10025-87-3	1.00%	5,000 lbs			<input type="radio"/>	<input type="radio"/>
Phosphorus trichloride	7719-12-2	1.00%	15,000 lbs			<input type="radio"/>	<input type="radio"/>
Propionitrile [Propanenitrile]	107-12-0	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Propyleneimine [Aziridine, 2-methyl-]	75-55-8	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Sulfur dioxide (anhydrous)	7446-09-5	1.00%	5,000 lbs			<input type="radio"/>	<input type="radio"/>
Sulfur tetrafluoride [Sulfur fluoride (SF <sub>4</sub> ), (T-4)-]	7783-60-0	1.00%	2,500 lbs			<input type="radio"/>	<input type="radio"/>
Sulfur trioxide	7446-11-9	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>



# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min Conc.	Screening Threshold Quantity	Total On-site Quantity (pounds)	Distance of Concern (miles)	Is the Toxic COI Stored Underground?	
				[Q:2.1-124]	[Q:2.1-126]	Yes	No
Tetramethyllead [Plumbane, tetramethyl-]	75-74-1	1.00%	10,000 lbs	<input type="text"/>	<input type="text"/>	<input type="radio"/>	<input type="radio"/>
Titanium tetrachloride [Titanium chloride (TiCl <sub>4</sub> ) (T-4)-]	7550-45-0	1.00%	2,500 lbs	<input type="text"/>	<input type="text"/>	<input type="radio"/>	<input type="radio"/>

**Enter the quantity of the release toxic COI in the Area of Highest Quantity in pounds. Enter the distance of concern reported by RMP\*Comp for each AHQ in miles.**

The Area of Highest Quantity (AHQ) is defined as an on-site area, with a radius of 170 feet, where the greatest amount of the release toxic COI is either currently present or has been present at any one time within the past 60 days. This amount may differ from the total on-site quantity. **Round the quantity to two significant digits** (e.g., round 247500 lbs. to 250000 lbs., and round 7625 lbs. to 7600 lbs.) Do not use commas when entering data.

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Quantity in AHQ (pounds)	Distance of Concern for AHQ (miles)
				[Q:2.2-2792]	[Q:2.2-2793]
Acrolein [2-Propenal or Acrylaldehyde]	107-02-8	1.00%	5,000 lbs	<input type="text"/>	<input type="text"/>
Allyl alcohol [2-Propen-1-ol]	107-18-6	1.00%	15,000 lbs	<input type="text"/>	<input type="text"/>
Ammonia (anhydrous)	7664-41-7	1.00%	10,000 lbs	<input type="text"/>	<input type="text"/>
Ammonia (conc. 20% or greater)	7664-41-7	20.00%	20,000 lbs	<input type="text"/>	<input type="text"/>



# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Quantity in AHQ (pounds) <small>[Q:2.2-2792]</small>	Distance of Concern for AHQ (miles) <small>[Q:2.2-2793]</small>
Arsenic trichloride [Arsenous trichloride]	7784-34-1	1.00%	15,000 lbs		
Arsine	7784-42-1	1.00%	1,000 lbs		
Boron trichloride [Borane, trichloro]	10294-34-5	1.00%	5,000 lbs		
Boron trifluoride [Borane, trifluoro]	7637-07-2	1.00%	5,000 lbs		
Boron trifluoride compound with methyl ether (1:1) [Boron, trifluoro [oxybis (methane)]-, T-4-]	353-42-4	1.00%	15,000 lbs		
Bromine	7726-95-6	1.00%	10,000 lbs		
Carbon disulfide	75-15-0	1.00%	20,000 lbs		
Chlorine	7782-50-5	1.00%	2,500 lbs		
Chlorine dioxide [Chlorine oxide, ClO <sub>2</sub> ]	10049-04-4	1.00%	1,000 lbs		
Chloroform [Methane, trichloro-]	67-66-3	1.00%	20,000 lbs		
Chloromethyl ether [Methane, oxybis(chloro-)]	542-88-1	1.00%	1,000 lbs		
Chloromethyl methyl ether [Methane, chloromethoxy-]	107-30-2	1.00%	5,000 lbs		



# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Quantity in AHQ (pounds) <small>[Q:2.2-2792]</small>	Distance of Concern for AHQ (miles) <small>[Q:2.2-2793]</small>
Cyanogen chloride	506-77-4	1.00%	10,000 lbs		
Cyclohexylamine [Cyclohexanamine]	108-91-8	1.00%	15,000 lbs		
Diborane	19287-45-7	1.00%	2,500 lbs		
Epichlorohydrin [Oxirane, (chloromethyl)-]	106-89-8	1.00%	20,000 lbs		
Ethylenediamine [1,2-Ethanediamine]	107-15-3	1.00%	20,000 lbs		
Fluorine	7782-41-4	1.00%	1,000 lbs		
Formaldehyde (solution)	50-00-0	1.00%	15,000 lbs		
Hydrochloric acid (conc. 37% or greater)	7647-01-0	37.00%	15,000 lbs		
Hydrocyanic acid	74-90-8	1.00%	2,500 lbs		
Hydrofluoric acid (conc. 50% or greater)	7664-39-3	50.00%	1,000 lbs		
Hydrogen chloride (anhydrous)	7647-01-0	1.00%	5,000 lbs		
Hydrogen fluoride (anhydrous)	7664-39-3	1.00%	1,000 lbs		
Hydrogen sulfide	7783-06-4	1.00%	10,000 lbs		
Isobutyronitrile [Propanenitrile, 2-methyl-]	78-82-0	1.00%	20,000 lbs		



# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Quantity in AHQ (pounds) <small>[Q:2.2-2792]</small>	Distance of Concern for AHQ (miles) <small>[Q:2.2-2793]</small>
Isopropyl chloroformate [Carbonochloridic acid, 1-methylethyl ester]	108-23-6	1.00%	15,000 lbs		
Methacrylonitrile [2-Propenenitrile, 2-methyl-]	126-98-7	1.00%	10,000 lbs		
Methyl hydrazine [Hydrazine, methyl-]	60-34-4	1.00%	15,000 lbs		
Methyl isocyanate [Methane, isocyanato-]	624-83-9	1.00%	10,000 lbs		
Methyl thiocyanate [Thiocyanic acid, methyl ester]	556-64-9	1.00%	20,000 lbs		
Nitric acid	7697-37-2	80.00%	15,000 lbs		
Nitric oxide [Nitrogen oxide (NO)]	10102-43-9	1.00%	10,000 lbs		
Oleum (Fuming Sulfuric acid) [Sulfuric acid, mixture with sulfur trioxide]	8014-95-7	1.00%	10,000 lbs		
Perchloromethylmercaptan [Methanesulphenyl chloride, trichloro-]	594-42-3	1.00%	10,000 lbs		
Phosgene [Carbonic dichloride] or [carbonyl dichloride]	75-44-5	1.00%	500 lbs		
Phosphorus oxychloride [Phosphoryl chloride]	10025-87-3	1.00%	5,000 lbs		



# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Quantity in AHQ (pounds) <small>[Q:2.2-2792]</small>	Distance of Concern for AHQ (miles) <small>[Q:2.2-2793]</small>
Phosphorus trichloride	7719-12-2	1.00%	15,000 lbs		
Propionitrile [Propanenitrile]	107-12-0	1.00%	10,000 lbs		
Propyleneimine [Aziridine, 2-methyl-]	75-55-8	1.00%	10,000 lbs		
Sulfur dioxide (anhydrous)	7446-09-5	1.00%	5,000 lbs		
Sulfur tetrafluoride [Sulfur fluoride (SF <sub>4</sub> ), (T-4)-]	7783-60-0	1.00%	2,500 lbs		
Sulfur trioxide	7446-11-9	1.00%	10,000 lbs		
Tetramethyllead [Plumbane, tetramethyl-]	75-74-1	1.00%	10,000 lbs		
Titanium tetrachloride [Titanium chloride (TiCl <sub>4</sub> ) (T-4)-]	7550-45-0	1.00%	2,500 lbs		

If the answer to question [Q:2.1-7958], "Is the Toxic COI Stored Underground?" is "No" for all chemicals, go to **Release Flammables** (page 47)





**Underground Storage for Release Toxic COI Detail**

The following questions regarding underground storage should only be answered about the amount of COI stored underground.

- Enter the number of underground storage tanks.
- Enter the collective capacity of the underground storage tanks (pounds).
- Enter the distance from the underground tank(s) to the nearest infrastructure (in feet) that is not associated with the underground storage operation. Infrastructure may include buildings, bridges, or other above ground structures or pipelines.

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Number of Underground Tanks	Collective Capacity of Underground Tanks (pounds)	Distance to Nearest Infrastructure (feet)
Acrolein [2-Propenal or Acrylaldehyde]	107-02-8	1.00%	5,000 lbs	[Q:2.3-7933]	[Q:2.3-7934]	[Q:2.3-7938]
Allyl alcohol [2-Propen-1-ol]	107-18-6	1.00%	15,000 lbs			
Ammonia (anhydrous)	7664-41-7	1.00%	10,000 lbs			
Ammonia (conc. 20% or greater)	7664-41-7	20.00%	20,000 lbs			
Arsenic trichloride [Arsenous trichloride]	7784-34-1	1.00%	15,000 lbs			
Arsine	7784-42-1	1.00%	1,000 lbs			
Boron trichloride [Borane, trichloro]	10294-34-5	1.00%	5,000 lbs			
Boron trifluoride [Borane, trifluoro]	7637-07-2	1.00%	5,000 lbs			



# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Number of Underground Tanks	Collective Capacity of Underground Tanks (pounds)	Distance to Nearest Infrastructure (feet)
Boron trifluoride compound with methyl ether (1:1) [Boron, trifluoro [oxybis (methane)]-, T-4-]	353-42-4	1.00%	15,000 lbs	[Q:2.3-7933]	[Q:2.3-7934]	[Q:2.3-7938]
Bromine	7726-95-6	1.00%	10,000 lbs			
Carbon disulfide	75-15-0	1.00%	20,000 lbs			
Chlorine	7782-50-5	1.00%	2,500 lbs			
Chlorine dioxide [Chlorine oxide, ClO <sub>2</sub> ]	10049-04-4	1.00%	1,000 lbs			
Chloroform [Methane, trichloro-]	67-66-3	1.00%	20,000 lbs			
Chloromethyl ether [Methane, oxybis(chloro-)]	542-88-1	1.00%	1,000 lbs			
Chloromethyl methyl ether [Methane, chloromethoxy-]	107-30-2	1.00%	5,000 lbs			
Cyanogen chloride	506-77-4	1.00%	10,000 lbs			
Cyclohexylamine [Cyclohexanamine]	108-91-8	1.00%	15,000 lbs			
Diborane	19287-45-7	1.00%	2,500 lbs			
Epichlorohydrin [Oxirane, (chloromethyl)-]	106-89-8	1.00%	20,000 lbs			



# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Number of Underground Tanks	Collective Capacity of Underground Tanks (pounds)	Distance to Nearest Infrastructure (feet)
Ethylenediamine [1,2-Ethanediamine]	107-15-3	1.00%	20,000 lbs	[Q:2.3-7933]	[Q:2.3-7934]	[Q:2.3-7938]
Fluorine	7782-41-4	1.00%	1,000 lbs			
Formaldehyde (solution)	50-00-0	1.00%	15,000 lbs			
Hydrochloric acid (conc. 37% or greater)	7647-01-0	37.00%	15,000 lbs			
Hydrocyanic acid	74-90-8	1.00%	2,500 lbs			
Hydrofluoric acid (conc. 50% or greater)	7664-39-3	50.00%	1,000 lbs			
Hydrogen chloride (anhydrous)	7647-01-0	1.00%	5,000 lbs			
Hydrogen fluoride (anhydrous)	7664-39-3	1.00%	1,000 lbs			
Hydrogen sulfide	7783-06-4	1.00%	10,000 lbs			
Isobutyronitrile [Propanenitrile, 2-methyl-]	78-82-0	1.00%	20,000 lbs			
Isopropyl chloroformate [Carbonochloridic acid, 1-methylethyl ester]	108-23-6	1.00%	15,000 lbs			
Methacrylonitrile [2-Propenenitrile, 2-methyl-]	126-98-7	1.00%	10,000 lbs			
Methyl hydrazine [Hydrazine, methyl-]	60-34-4	1.00%	15,000 lbs			



# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Number of Underground Tanks	Collective Capacity of Underground Tanks (pounds)	Distance to Nearest Infrastructure (feet)
Methyl isocyanate [Methane, isocyanato-]	624-83-9	1.00%	10,000 lbs	[Q:2.3-7933]	[Q:2.3-7934]	[Q:2.3-7938]
Methyl thiocyanate [Thiocyanic acid, methyl ester]	556-64-9	1.00%	20,000 lbs			
Nitric acid	7697-37-2	80.00%	15,000 lbs			
Nitric oxide [Nitrogen oxide (NO)]	10102-43-9	1.00%	10,000 lbs			
Oleum (Fuming Sulfuric acid) [Sulfuric acid, mixture with sulfur trioxide]	8014-95-7	1.00%	10,000 lbs			
Perchloromethylmercaptan [Methanesulphenyl chloride, trichloro-]	594-42-3	1.00%	10,000 lbs			
Phosgene [Carbonic dichloride] or [carbonyl dichloride]	75-44-5	1.00%	500 lbs			
Phosphorus oxychloride [Phosphoryl chloride]	10025-87-3	1.00%	5,000 lbs			
Phosphorus trichloride	7719-12-2	1.00%	15,000 lbs			
Propionitrile [Propanenitrile]	107-12-0	1.00%	10,000 lbs			
Propyleneimine [Aziridine, 2-methyl-]	75-55-8	1.00%	10,000 lbs			



Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Number of Underground Tanks	Collective Capacity of Underground Tanks (pounds)	Distance to Nearest Infrastructure (feet)
Sulfur dioxide (anhydrous)	7446-09-5	1.00%	5,000 lbs	[Q:2.3-7933]	[Q:2.3-7934]	[Q:2.3-7938]
Sulfur tetrafluoride [Sulfur fluoride (SF <sub>4</sub> ), (T-4)-]	7783-60-0	1.00%	2,500 lbs			
Sulfur trioxide	7446-11-9	1.00%	10,000 lbs			
Tetramethyllead [Plumbane, tetramethyl-]	75-74-1	1.00%	10,000 lbs			
Titanium tetrachloride [Titanium chloride (TiCl <sub>4</sub> ) (T-4)-]	7550-45-0	1.00%	2,500 lbs			

**Underground Storage for Release Toxic COI (continued)**

The following questions regarding underground storage should only be answered about the amount of COI stored underground.

- Enter the pressure rating of tank(s) (psig).
- Is/Are the tank(s) double walled?
- Enter depth (from ground surface to tank top) of underground tanks (feet).
- Select the underground storage type

*Buried* storage is set in the ground and covered by soil. *Below grade* storage is set entirely below the surface of the ground in a storage pit but is not covered by soil.



# CSAT Top-Screen Questions

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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Pressure Rating of Tank(s) (psig)	Tank(s) Double Walled?		Depth of Underground Tanks (feet)	Underground Storage Type	
				[Q:2.4-7954]	[Q:2.4-7955]		[Q:2.4-7956]	[Q:2.4-12760]	
					Yes	No		Buried	Below grade
Acrolein [2-Propenal or Acrylaldehyde]	107-02-8	1.00%	5,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Allyl alcohol [2-Propen-1-ol]	107-18-6	1.00%	15,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Ammonia (anhydrous)	7664-41-7	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Ammonia (conc. 20% or greater)	7664-41-7	20.00%	20,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Arsenic trichloride [Arsenous trichloride]	7784-34-1	1.00%	15,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Arsine	7784-42-1	1.00%	1,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Boron trichloride [Borane, trichloro]	10294-34-5	1.00%	5,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Boron trifluoride [Borane, trifluoro]	7637-07-2	1.00%	5,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Boron trifluoride compound with methyl ether (1:1) [Boron, trifluoro [oxybis (methane)]-, T-4-]	353-42-4	1.00%	15,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Bromine	7726-95-6	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Carbon disulfide	75-15-0	1.00%	20,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Chlorine	7782-50-5	1.00%	2,500 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>



# CSAT Top-Screen Questions

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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Pressure Rating of Tank(s) (psig)	Tank(s) Double Walled?		Depth of Underground Tanks (feet)	Underground Storage Type	
				[Q:2.4-7954]	[Q:2.4-7955]		[Q:2.4-7956]	[Q:2.4-12760]	
					Yes	No		Buried	Below grade
Chlorine dioxide [Chlorine oxide, ClO <sub>2</sub> ]	10049-04-4	1.00%	1,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Chloroform [Methane, trichloro-]	67-66-3	1.00%	20,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Chloromethyl ether [Methane, oxybis(chloro-)]	542-88-1	1.00%	1,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Chloromethyl methyl ether [Methane, chloromethoxy-]	107-30-2	1.00%	5,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Cyanogen chloride	506-77-4	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Cyclohexylamine [Cyclohexanamine]	108-91-8	1.00%	15,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Diborane	19287-45-7	1.00%	2,500 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Epichlorohydrin [Oxirane, (chloromethyl)-]	106-89-8	1.00%	20,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Ethylenediamine [1,2-Ethanediamine]	107-15-3	1.00%	20,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Fluorine	7782-41-4	1.00%	1,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Formaldehyde (solution)	50-00-0	1.00%	15,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Hydrochloric acid (conc. 37% or greater)	7647-01-0	37.00%	15,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>



# CSAT Top-Screen Questions

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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Pressure Rating of Tank(s) (psig)	Tank(s) Double Walled?		Depth of Underground Tanks (feet)	Underground Storage Type	
				[Q:2.4-7954]	[Q:2.4-7955]		[Q:2.4-7956]	[Q:2.4-12760]	
					Yes	No		Buried	Below grade
Hydrocyanic acid	74-90-8	1.00%	2,500 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Hydrofluoric acid (conc. 50% or greater)	7664-39-3	50.00%	1,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Hydrogen chloride (anhydrous)	7647-01-0	1.00%	5,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Hydrogen fluoride (anhydrous)	7664-39-3	1.00%	1,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Hydrogen sulfide	7783-06-4	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Isobutyronitrile [Propanenitrile, 2-methyl-]	78-82-0	1.00%	20,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Isopropyl chloroformate [Carbonochloridic acid, 1-methylethyl ester]	108-23-6	1.00%	15,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Methacrylonitrile [2-Propenenitrile, 2-methyl-]	126-98-7	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Methyl hydrazine [Hydrazine, methyl-]	60-34-4	1.00%	15,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Methyl isocyanate [Methane, isocyanato-]	624-83-9	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Methyl thiocyanate [Thiocyanic acid, methyl ester]	556-64-9	1.00%	20,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Nitric acid	7697-37-2	80.00%	15,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>





# CSAT Top-Screen Questions

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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Pressure Rating of Tank(s) (psig)	Tank(s) Double Walled?		Depth of Underground Tanks (feet)	Underground Storage Type	
				[Q:2.4-7954]	Yes	No	[Q:2.4-7956]	[Q:2.4-12760]	
								Buried	Below grade
Nitric oxide [Nitrogen oxide (NO)]	10102-43-9	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Oleum (Fuming Sulfuric acid) [Sulfuric acid, mixture with sulfur trioxide]	8014-95-7	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Perchloromethylmercaptan [Methanesulfenyl chloride, trichloro-]	594-42-3	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Phosgene [Carbonic dichloride] or [carbonyl dichloride]	75-44-5	1.00%	500 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Phosphorus oxychloride [Phosphoryl chloride]	10025-87-3	1.00%	5,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Phosphorus trichloride	7719-12-2	1.00%	15,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Propionitrile [Propanenitrile]	107-12-0	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Propyleneimine [Aziridine, 2-methyl-]	75-55-8	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Sulfur dioxide (anhydrous)	7446-09-5	1.00%	5,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Sulfur tetrafluoride [Sulfur fluoride (SF <sub>4</sub> ), (T-4)-]	7783-60-0	1.00%	2,500 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Sulfur trioxide	7446-11-9	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>



## CSAT Top-Screen Questions

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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Pressure Rating of Tank(s) (psig) [Q:2.4-7954]	Tank(s) Double Walled? [Q:2.4-7955]		Depth of Underground Tanks (feet) [Q:2.4-7956]	Underground Storage Type [Q:2.4-12760]	
					Yes	No		Buried	Below grade
Tetramethyllead [Plumbane, tetramethyl-]	75-74-1	1.00%	10,000 lbs	<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>	<input type="radio"/>	<input type="radio"/>
Titanium tetrachloride [Titanium chloride (TiCl <sub>4</sub> ) (T-4)-]	7550-45-0	1.00%	2,500 lbs	<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>	<input type="radio"/>	<input type="radio"/>

### Release Toxic COI Stored Below Grade

Answer the following question only for underground COI that is stored below grade.

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Is the below grade containment covered? [Q:2.5-12762]	
				Yes	No
Acrolein [2-Propenal or Acrylaldehyde]	107-02-8	1.00%	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Allyl alcohol [2-Propen-1-ol]	107-18-6	1.00%	15,000 lbs	<input type="radio"/>	<input type="radio"/>
Ammonia (anhydrous)	7664-41-7	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Ammonia (conc. 20% or greater)	7664-41-7	20.00%	20,000 lbs	<input type="radio"/>	<input type="radio"/>
Arsenic trichloride [Arsenous trichloride]	7784-34-1	1.00%	15,000 lbs	<input type="radio"/>	<input type="radio"/>



## CSAT Top-Screen Questions

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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Is the below grade containment covered? [Q:2.5-12762]	
				Yes	No
Arsine	7784-42-1	1.00%	1,000 lbs	<input type="radio"/>	<input type="radio"/>
Boron trichloride [Borane, trichloro]	10294-34-5	1.00%	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Boron trifluoride [Borane, trifluoro]	7637-07-2	1.00%	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Boron trifluoride compound with methyl ether (1:1) [Boron, trifluoro [oxybis (methane)]-, T-4-]	353-42-4	1.00%	15,000 lbs	<input type="radio"/>	<input type="radio"/>
Bromine	7726-95-6	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Carbon disulfide	75-15-0	1.00%	20,000 lbs	<input type="radio"/>	<input type="radio"/>
Chlorine	7782-50-5	1.00%	2,500 lbs	<input type="radio"/>	<input type="radio"/>
Chlorine dioxide [Chlorine oxide, ClO <sub>2</sub> ]	10049-04-4	1.00%	1,000 lbs	<input type="radio"/>	<input type="radio"/>
Chloroform [Methane, trichloro-]	67-66-3	1.00%	20,000 lbs	<input type="radio"/>	<input type="radio"/>
Chloromethyl ether [Methane, oxybis(chloro-)]	542-88-1	1.00%	1,000 lbs	<input type="radio"/>	<input type="radio"/>
Chloromethyl methyl ether [Methane, chloromethoxy-]	107-30-2	1.00%	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Cyanogen chloride	506-77-4	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Cyclohexylamine [Cyclohexanamine]	108-91-8	1.00%	15,000 lbs	<input type="radio"/>	<input type="radio"/>



## CSAT Top-Screen Questions

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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Is the below grade containment covered? [Q:2.5-12762]	
				Yes	No
Diborane	19287-45-7	1.00%	2,500 lbs	<input type="radio"/>	<input type="radio"/>
Epichlorohydrin [Oxirane, (chloromethyl)-]	106-89-8	1.00%	20,000 lbs	<input type="radio"/>	<input type="radio"/>
Ethylenediamine [1,2-Ethanediamine]	107-15-3	1.00%	20,000 lbs	<input type="radio"/>	<input type="radio"/>
Fluorine	7782-41-4	1.00%	1,000 lbs	<input type="radio"/>	<input type="radio"/>
Formaldehyde (solution)	50-00-0	1.00%	15,000 lbs	<input type="radio"/>	<input type="radio"/>
Hydrochloric acid (conc. 37% or greater)	7647-01-0	37.00%	15,000 lbs	<input type="radio"/>	<input type="radio"/>
Hydrocyanic acid	74-90-8	1.00%	2,500 lbs	<input type="radio"/>	<input type="radio"/>
Hydrofluoric acid (conc. 50% or greater)	7664-39-3	50.00%	1,000 lbs	<input type="radio"/>	<input type="radio"/>
Hydrogen chloride (anhydrous)	7647-01-0	1.00%	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Hydrogen fluoride (anhydrous)	7664-39-3	1.00%	1,000 lbs	<input type="radio"/>	<input type="radio"/>
Hydrogen sulfide	7783-06-4	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Isobutyronitrile [Propanenitrile, 2-methyl-]	78-82-0	1.00%	20,000 lbs	<input type="radio"/>	<input type="radio"/>
Isopropyl chloroformate [Carbonochloridic acid, 1-methylethyl ester]	108-23-6	1.00%	15,000 lbs	<input type="radio"/>	<input type="radio"/>
Methacrylonitrile [2-Propenenitrile, 2-methyl-]	126-98-7	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>



## CSAT Top-Screen Questions

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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Is the below grade containment covered? [Q:2.5-12762]	
				Yes	No
Methyl hydrazine [Hydrazine, methyl-]	60-34-4	1.00%	15,000 lbs	<input type="radio"/>	<input type="radio"/>
Methyl isocyanate [Methane, isocyanato-]	624-83-9	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Methyl thiocyanate [Thiocyanic acid, methyl ester]	556-64-9	1.00%	20,000 lbs	<input type="radio"/>	<input type="radio"/>
Nitric acid	7697-37-2	80.00%	15,000 lbs	<input type="radio"/>	<input type="radio"/>
Nitric oxide [Nitrogen oxide (NO)]	10102-43-9	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Oleum (Fuming Sulfuric acid) [Sulfuric acid, mixture with sulfur trioxide]	8014-95-7	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Perchloromethylmercaptan [Methanesulphenyl chloride, trichloro-]	594-42-3	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Phosgene [Carbonic dichloride] or [carbonyl dichloride]	75-44-5	1.00%	500 lbs	<input type="radio"/>	<input type="radio"/>
Phosphorus oxychloride [Phosphoryl chloride]	10025-87-3	1.00%	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Phosphorus trichloride	7719-12-2	1.00%	15,000 lbs	<input type="radio"/>	<input type="radio"/>
Propionitrile [Propanenitrile]	107-12-0	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Propyleneimine [Aziridine, 2-methyl-]	75-55-8	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>



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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Is the below grade containment covered? [Q:2.5-12762]	
				Yes	No
Sulfur dioxide (anhydrous)	7446-09-5	1.00%	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Sulfur tetrafluoride [Sulfur fluoride (SF <sub>4</sub> ), (T-4)-]	7783-60-0	1.00%	2,500 lbs	<input type="radio"/>	<input type="radio"/>
Sulfur trioxide	7446-11-9	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Tetramethyllead [Plumbane, tetramethyl-]	75-74-1	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Titanium tetrachloride [Titanium chloride (TiCl <sub>4</sub> ) (T-4)-]	7550-45-0	1.00%	2,500 lbs	<input type="radio"/>	<input type="radio"/>



## Release Flammables

### Release Flammable Chemicals of Interest

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 release flammable chemicals of interest (COI) at or above the screening threshold quantity at your facility?**

Check "Yes" if the facility either currently possesses or possessed within the past 60 days the COI at or above the screening threshold quantity.

*(The default settings on this list indicate that the chemicals are NOT currently present on site nor have been onsite within the past 60 days. At the end of the list, you must indicate that these settings have been changed as applicable to the 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. A facility should indicate which COI it either currently possesses or possessed within the past 60 days at or above the screening threshold quantity.

The following list of release-flammables includes both release-flammable COI and fuel(s). The fuel(s) shown are mixtures of COI or other release-flammables. If the facility's release-flammable mixture is a fuel(s) from the list below, enter the amount of fuel(s) at the facility consistent with the release-flammable minimum concentration provision found in § 27.204(a)(2). If a facility counts a release-flammable mixture as a fuel, the facility should not count its constituent release-flammable COI in the release-flammable COI section of the Top-Screen.

If "No" selected for all chemicals, go to [Release Explosives](#) (page 106)



## CSAT Top-Screen Questions

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[Q:3.0-129]

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Do you manufacture, process, use, store, or distribute any of the following release flammable chemicals of interest (COI) at or above the screening threshold quantity at your facility?	
				Yes	No
Acetaldehyde	75-07-0	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Acetylene [Ethyne]	74-86-2	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Acrylonitrile [2-Propenenitrile]	107-13-1	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Acrylyl chloride [2-Propenoyl chloride]	814-68-6	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Allylamine [2-Propen-1-amine]	107-11-9	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Bromotrifluorethylene [Ethene, bromotrifluoro-]	598-73-2	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
1,3-Butadiene	106-99-0	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Butane	106-97-8	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Butene	25167-67-3	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
1-Butene	106-98-9	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
2-Butene	107-01-7	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>





## CSAT Top-Screen Questions

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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Do you manufacture, process, use, store, or distribute any of the following release flammable chemicals of interest (COI) at or above the screening threshold quantity at your facility?	
				Yes	No
2-Butene-cis	590-18-1	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
2-Butene-trans [2-Butene, (E)]	624-64-6	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Carbon oxysulfide [Carbon oxide sulfide (COS); carbonyl sulfide]	463-58-1	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Chlorine monoxide [Chlorine oxide]	7791-21-1	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
1-Chloropropylene [1-Propene, 1-chloro-]	590-21-6	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
2-Chloropropylene [1-Propene, 2-chloro-]	557-98-2	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Crotonaldehyde [2-Butenal]	4170-30-3	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Crotonaldehyde, (E)- [2-Butenal], (E)-]	123-73-9	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Cyanogen [Ethanedinitrile]	460-19-5	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Cyclopropane	75-19-4	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>



## CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Do you manufacture, process, use, store, or distribute any of the following release flammable chemicals of interest (COI) at or above the screening threshold quantity at your facility?	
				Yes	No
Dichlorosilane [Silane, dichloro-]	4109-96-0	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Difluoroethane [Ethane, 1,1-difluoro-]	75-37-6	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Dimethylamine [Methanamine, N-methyl-]	124-40-3	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Dimethyldichlorosilane [Silane, dichlorodimethyl-]	75-78-5	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
1,1-Dimethylhydrazine [Hydrazine, 1, 1-dimethyl-]	57-14-7	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
2,2-Dimethylpropane [Propane, 2,2-dimethyl-]	463-82-1	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Ethane	74-84-0	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Ethyl acetylene [1-Butyne]	107-00-6	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Ethyl chloride [Ethane, chloro-]	75-00-3	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Ethyl ether [Ethane, 1,1-oxybis-]	60-29-7	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>



# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Do you manufacture, process, use, store, or distribute any of the following release flammable chemicals of interest (COI) at or above the screening threshold quantity at your facility?	
				Yes	No
Ethyl mercaptan [Ethanethiol]	75-08-1	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Ethyl nitrite [Nitrous acid, ethyl ester]	109-95-5	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Ethylamine [Ethanamine]	75-04-7	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Ethylene [Ethene]	74-85-1	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Ethylene oxide [Oxirane]	75-21-8	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Ethyleneimine [Aziridine]	151-56-4	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Furan	110-00-9	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Hydrazine	302-01-2	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Hydrogen	1333-74-0	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Hydrogen selenide	7783-07-5	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Iron, pentacarbonyl- [Iron carbonyl (Fe (CO) <sub>5</sub> ), (TB5-11)-]	13463-40-6	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>



## CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Do you manufacture, process, use, store, or distribute any of the following release flammable chemicals of interest (COI) at or above the screening threshold quantity at your facility?	
				Yes	No
Isobutane [Propane, 2-methyl-]	75-28-5	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Isopentane [Butane, 2-methyl-]	78-78-4	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Isoprene [1,3-Butadiene, 2-methyl-]	78-79-5	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Isopropyl chloride [Propane, 2-chloro-]	75-29-6	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Isopropylamine [2-Propanamine]	75-31-0	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Methane	74-82-8	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
2-Methyl-1-butene	563-46-2	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
3-Methyl-1-butene	563-45-1	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Methyl chloride [Methane, chloro-]	74-87-3	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Methyl chloroformate [Carbonochloridic acid, methyl ester]	79-22-1	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>



## CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Do you manufacture, process, use, store, or distribute any of the following release flammable chemicals of interest (COI) at or above the screening threshold quantity at your facility?	
				Yes	No
Methyl ether [Methane, oxybis-]	115-10-6	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Methyl formate [Formic acid Methyl ester]	107-31-3	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Methyl mercaptan [Methanethiol]	74-93-1	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Methylamine [Methanamine]	74-89-5	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
2-Methylpropene [1-Propene, 2-methyl-]	115-11-7	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Methyltrichlorosilane [Silane, trichloromethyl-]	75-79-6	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Nickel Carbonyl	13463-39-3	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
1,3-Pentadiene	504-60-9	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Pentane	109-66-0	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
1-Pentene	109-67-1	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
2-Pentene,(E)-	646-04-8	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>



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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Do you manufacture, process, use, store, or distribute any of the following release flammable chemicals of interest (COI) at or above the screening threshold quantity at your facility?	
				Yes	No
2-Pentene, (Z)-	627-20-3	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Peracetic acid [Ethaneperoxic acid]	79-21-0	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Phosphine	7803-51-2	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Piperidine	110-89-4	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Propadiene [1,2-Propadiene]	463-49-0	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Propane	74-98-6	1.00%	60,000 lbs	<input type="radio"/>	<input type="radio"/>
Propyl chloroformate [Carbonchloridic acid, propylester]	109-61-5	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Propylene [1-Propene]	115-07-1	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Propylene oxide [Oxirane, methyl-]	75-56-9	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Propyne [1-Propyne]	74-99-7	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Silane	7803-62-5	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>



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Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Do you manufacture, process, use, store, or distribute any following release flammable chemicals of interest (COI) at or above the screening threshold quantity at your facility?	
				Yes	No
Tetrafluoroethylene [Ethene, tetrafluoro-]	116-14-3	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Tetramethylsilane [Silane, tetramethyl-]	75-76-3	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Tetranitromethane [Methane, tetranitro-]	509-14-8	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Trichlorosilane [Silane, trichloro-]	10025-78-2	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Trifluorochloroethylene [Ethene, chlorotrifluoro]	79-38-9	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Trimethylamine [Methanamine, N,N-dimethyl-]	75-50-3	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Trimethylchlorosilane [Silane, chlorotrimethyl-]	75-77-4	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Vinyl acetate monomer [Acetic acid ethenyl ester]	108-05-4	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Vinyl acetylene [1-Buten-3-yne]	689-97-4	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>



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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Do you manufacture, process, use, store, or distribute any of the following release flammable chemicals of interest (COI) at or above the screening threshold quantity at your facility?	
				Yes	No
Vinyl chloride [Ethene, chloro-]	75-01-4	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Vinyl ethyl ether [Ethene, ethoxy-]	109-92-2	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Vinyl fluoride [Ethene, fluoro-]	75-02-5	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Vinyl methyl ether [Ethene, methoxy-]	107-25-5	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Vinylidene chloride [Ethene, 1,1-dichloro-]	75-35-4	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Vinylidene fluoride [Ethene, 1,1-difluoro-]	75-38-7	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
<b>Fuels:</b> Bunker fuel				<input type="radio"/>	<input type="radio"/>
<b>Fuels:</b> Diesel				<input type="radio"/>	<input type="radio"/>
<b>Fuels:</b> Gasoline				<input type="radio"/>	<input type="radio"/>
<b>Fuels:</b> Home heating oil				<input type="radio"/>	<input type="radio"/>
<b>Fuels:</b> JP A (jet fuel)				<input type="radio"/>	<input type="radio"/>





Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Do you manufacture, process, use, store, or distribute any of the following release flammable chemicals of interest (COI) at or above the screening threshold quantity at your facility?	
				Yes	No
Fuels: JP 5 (jet fuel)				<input type="radio"/>	<input type="radio"/>
Fuels: JP 8 (jet fuel)				<input type="radio"/>	<input type="radio"/>
Fuels: Kerosene				<input type="radio"/>	<input type="radio"/>
Fuels: LPG				<input type="radio"/>	<input type="radio"/>

The list above has been reviewed and all chemicals of interest that the facility either currently possesses or possessed within the past 60 days at or above the screening threshold quantity have been indicated by selecting "Yes."

[Q:3.0-632]

- Yes
- No

### Release Flammable Chemicals of Interest - Detail

Enter the total on-site quantity of the release flammable chemical of interest in pounds. Enter the quantity of the release flammable COI in the Area of Highest Quantity in pounds.

The total on-site quantity is the highest amount that the facility either currently possesses or possessed within the past 60 days. The Area of Highest Quantity (AHQ) is defined as an on-site area, with a radius of 170 feet, where the greatest amount of the release flammable COI is either currently present or has been present at any one time within the past 60 days. This amount may differ from the total on-site quantity. For release flammable COI, AHQ should be reported as an **aggregate amount of all release flammable COI located within the AHQ**. See the



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downloadable [Top-Screen Users Manual](#) for instructions. **Round both quantities to two significant digits** (e.g., round 247500 pounds to 250000 pounds, and round 7625 pounds to 7600 pounds). Do not use commas when entering data.

Under CFATS, a COI is considered stored underground if it is stored in a containment vessel (e.g., a tank) that is physically buried in the ground, is stored in a containment vessel below grade, or stored in cavern or non-cavern type containment. Basement level storage would not be considered underground if the containment vessels are portable. If any amount of the COI is stored underground the facility must select Yes, and will then be required to answer a series of specific questions on underground storage.

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Total On-site Quantity (pounds) [Q:3.1-131]	Quantity in AHQ (pounds) [Q:3.1-2794]	Is the Flammable COI Stored Underground? [Q:3.1-7967]	
						Yes	No
Acetaldehyde	75-07-0	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Acetylene [Ethyne]	74-86-2	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Acrylonitrile [2-Propenenitrile]	107-13-1	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Acrylyl chloride [2-Propenoyl chloride]	814-68-6	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Allylamine [2-Propen-1-amine]	107-11-9	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Bromotrifluorethylene [Ethene, bromotrifluoro-]	598-73-2	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
1,3-Butadiene	106-99-0	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Butane	106-97-8	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Butene	25167-67-3	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>



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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Total On-site Quantit (pounds) <small>[Q:3.1-131]</small>	Quantity in AHQ (pounds) <small>[Q:3.1-2794]</small>	Is the Flammable COI Stored Underground? <small>[Q:3.1-7967]</small>	
						Yes	No
1-Butene	106-98-9	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
2-Butene	107-01-7	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
2-Butene-cis	590-18-1	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
2-Butene-trans [2-Butene, (E)]	624-64-6	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Carbon oxysulfide [Carbon oxide sulfide (COS); carbonyl sulfide]	463-58-1	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Chlorine monoxide [Chlorine oxide]	7791-21-1	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
1-Chloropropylene [1-Propene, 1-chloro-]	590-21-6	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
2-Chloropropylene [1-Propene, 2-chloro-]	557-98-2	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Crotonaldehyde [2-Butenal]	4170-30-3	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Crotonaldehyde, (E)- [2-Butenal], (E)-]	123-73-9	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Cyanogen [Ethanedinitrile]	460-19-5	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>



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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Total On-site Quantity (pounds) <small>[Q:3.1-131]</small>	Quantity in AHQ (pounds) <small>[Q:3.1-2794]</small>	Is the Flammable COI Stored Underground? <small>[Q:3.1-7967]</small>	
						Yes	No
Cyclopropane	75-19-4	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Dichlorosilane [Silane, dichloro-]	4109-96-0	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Difluoroethane [Ethane, 1,1-difluoro-]	75-37-6	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Dimethylamine [Methanamine, N-methyl-]	124-40-3	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Dimethyldichlorosilane [Silane, dichlorodimethyl-]	75-78-5	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
1,1-Dimethylhydrazine [Hydrazine, 1, 1-dimethyl-]	57-14-7	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
2,2-Dimethylpropane [Propane, 2,2-dimethyl-]	463-82-1	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Ethane	74-84-0	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Ethyl acetylene [1-Butyne]	107-00-6	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Ethyl chloride [Ethane, chloro-]	75-00-3	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Ethyl ether [Ethane, 1,1-oxybis-]	60-29-7	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>



# CSAT Top-Screen Questions

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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Total On-site Quantity (pounds) <small>[Q:3.1-131]</small>	Quantity in AHQ (pounds) <small>[Q:3.1-2794]</small>	Is the Flammable COI Stored Underground? <small>[Q:3.1-7967]</small>	
						Yes	No
Ethyl mercaptan [Ethanethiol]	75-08-1	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Ethyl nitrite [Nitrous acid, ethyl ester]	109-95-5	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Ethylamine [Ethanamine]	75-04-7	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Ethylene [Ethene]	74-85-1	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Ethylene oxide [Oxirane]	75-21-8	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Ethyleneimine [Aziridine]	151-56-4	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Furan	110-00-9	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Hydrazine	302-01-2	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Hydrogen	1333-74-0	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Hydrogen selenide	7783-07-5	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Iron, pentacarbonyl- [Iron carbonyl (Fe (CO) <sub>5</sub> ), (TB5-11)-]	13463-40-6	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>



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Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Total On-site Quantity (pounds) <small>[Q:3.1-131]</small>	Quantity in AHQ (pounds) <small>[Q:3.1-2794]</small>	Is the Flammable COI Stored Underground? <small>[Q:3.1-7967]</small>	
						Yes	No
Isobutane [Propane, 2-methyl]	75-28-5	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Isopentane [Butane, 2-methyl-]	78-78-4	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Isoprene [1,3-Butadiene, 2-methyl-]	78-79-5	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Isopropyl chloride [Propane, 2-chloro-]	75-29-6	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Isopropylamine [2-Propanamine]	75-31-0	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Methane	74-82-8	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
2-Methyl-1-butene	563-46-2	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
3-Methyl-1-butene	563-45-1	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Methyl chloride [Methane, chloro-]	74-87-3	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Methyl chloroformate [Carbonochloridic acid, methyl ester]	79-22-1	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Methyl ether [Methane, oxybis-]	115-10-6	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>



## CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Total On-site Quantity (pounds) <small>[Q:3.1-131]</small>	Quantity in AHQ (pounds) <small>[Q:3.1-2794]</small>	Is the Flammable COI Stored Underground? <small>[Q:3.1-7967]</small>	
						Yes	No
Methyl formate [Formic acid Methyl ester]	107-31-3	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Methyl mercaptan [Methanethiol]	74-93-1	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Methylamine [Methanamine]	115-11-7	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
2-Methylpropene [1-Propene, 2-methyl-]	74-89-5	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Methyltrichlorosilane [Silane, trichloromethyl-]	75-79-6	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Nickel Carbonyl	13463-39-3	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
1,3-Pentadiene	504-60-9	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Pentane	109-66-0	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
1-Pentene	109-67-1	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
2-Pentene,(E)-	646-04-8	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
2-Pentene, (Z)-	627-20-3	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Peracetic acid [Ethaneperoxic acid]	79-21-0	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Phosphine	7803-51-2	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>



## CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Total On-site Quantity (pounds) <small>[Q:3.1-131]</small>	Quantity in AHQ (pounds) <small>[Q:3.1-2794]</small>	Is the Flammable COI Stored Underground? <small>[Q:3.1-7967]</small>	
						Yes	No
Piperidine	110-89-4	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Propadiene [1,2-Propadiene]	463-49-0	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Propane	74-98-6	1.00%	60,000 lbs			<input type="radio"/>	<input type="radio"/>
Propyl chloroformate [Carbonchloridic acid, propylester]	109-61-5	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Propylene [1-Propene]	115-07-1	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Propylene oxide [Oxirane, methyl-]	75-56-9	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Propyne [1-Propyne]	74-99-7	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Silane	7803-62-5	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Tetrafluoroethylene [Ethene, tetrafluoro-]	116-14-3	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Tetramethylsilane [Silane, tetramethyl-]	75-76-3	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Tetranitromethane [Methane, tetranitro-]	509-14-8	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>





# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Total On-site Quantity (pounds) <small>[Q:3.1-131]</small>	Quantity in AHQ (pounds) <small>[Q:3.1-2794]</small>	Is the Flammable COI Stored Underground? <small>[Q:3.1-7967]</small>	
						Yes	No
Trichlorosilane [Silane, trichloro-]	10025-78-2	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Trifluorochloroethylene [Ethene, chlorotrifluoro]	79-38-9	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Trimethylamine [Methanamine, N,N-dimethyl-]	75-50-3	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Trimethylchlorosilane [Silane, chlorotrimethyl-]	75-77-4	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Vinyl acetate monomer [Acetic acid ethenyl ester]	108-05-4	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Vinyl acetylene [1-Buten-3-yne]	689-97-4	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Vinyl chloride [Ethene, chloro-]	75-01-4	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Vinyl ethyl ether [Ethene, ethoxy-]	109-92-2	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Vinyl fluoride [Ethene, fluoro-]	75-02-5	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Vinyl methyl ether [Ethene, methoxy-]	107-25-5	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>



## CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Total On-site Quantity (pounds) [Q:3.1-131]	Quantity in AHQ (pounds) [Q:3.1-2794]	Is the Flammable COI Stored Underground? [Q:3.1-7967]	
						Yes	No
Vinylidene chloride [Ethene, 1,1-dichloro-]	75-35-4	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
Vinylidene fluoride [Ethene, 1,1-difluoro-]	75-38-7	1.00%	10,000 lbs			<input type="radio"/>	<input type="radio"/>
<b>Fuels:</b> Bunker fuel						<input type="radio"/>	<input type="radio"/>
<b>Fuels:</b> Diesel						<input type="radio"/>	<input type="radio"/>
<b>Fuels:</b> Gasoline						<input type="radio"/>	<input type="radio"/>
<b>Fuels:</b> Home heating oil						<input type="radio"/>	<input type="radio"/>
<b>Fuels:</b> JP A (jet fuel)						<input type="radio"/>	<input type="radio"/>
<b>Fuels:</b> JP 5 (jet fuel)						<input type="radio"/>	<input type="radio"/>
<b>Fuels:</b> JP 8 (jet fuel)						<input type="radio"/>	<input type="radio"/>
<b>Fuels:</b> Kerosene						<input type="radio"/>	<input type="radio"/>
<b>Fuels:</b> LPG						<input type="radio"/>	<input type="radio"/>

If the answer to question [Q:3.1-7967], "Is the Flammable COI Stored Underground?" is "No" for all chemicals, go to **Release Explosives** (page 106)



### Underground Storage for Release Flammable COI Detail

Select the underground storage categories that apply to each underground COI.

- A storage tank is a man-made cylindrical or spherical container that is used for the storage of chemicals.
- Cavern/non-cavern type containment is a below-the-surface natural earth formation used for storage of chemicals. Examples include aquifers, depleted reservoirs, and salt caverns.

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Is the COI stored in bulk tanks? [Q:3.2-12712]		Is the COI stored in cavern/non-cavern type containment? [Q:3.2-12713]	
				Yes	No	Yes	No
				Acetaldehyde	75-07-0	1.00%	10,000 lbs
Acetylene [Ethyne]	74-86-2	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Acrylonitrile [2-Propenenitrile]	107-13-1	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Acrylyl chloride [2-Propenoyl chloride]	814-68-6	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Allylamine [2-Propen-1-amine]	107-11-9	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Bromotrifluorethylene [Ethene, bromotrifluoro-]	598-73-2	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1,3-Butadiene	106-99-0	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Butane	106-97-8	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



## CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Is the COI stored in bulk tanks? [Q:3.2-12712]		Is the COI stored in cavern/non-cavern type containment? [Q:3.2-12713]	
				Yes	No	Yes	No
Butene	25167-67-3	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1-Butene	106-98-9	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2-Butene	107-01-7	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2-Butene-cis	590-18-1	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2-Butene-trans [2-Butene, (E)]	624-64-6	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Carbon oxysulfide [Carbon oxide sulfide (COS); carbonyl sulfide]	463-58-1	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Chlorine monoxide [Chlorine oxide]	7791-21-1	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1-Chloropropylene [1-Propene, 1-chloro-]	590-21-6	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2-Chloropropylene [1-Propene, 2-chloro-]	557-98-2	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Crotonaldehyde [2-Butenal]	4170-30-3	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Crotonaldehyde, (E)- [2-Butenal], (E)-]	123-73-9	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Is the COI stored in bulk tanks? [Q:3.2-12712]		Is the COI stored in cavern/non-cavern type containment? [Q:3.2-12713]	
				Yes	No	Yes	No
Cyanogen [Ethanedinitrile]	460-19-5	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cyclopropane	75-19-4	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dichlorosilane [Silane, dichloro-]	4109-96-0	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Difluoroethane [Ethane, 1,1-difluoro-]	75-37-6	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dimethylamine [Methanamine, N-methyl-]	124-40-3	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dimethyldichlorosilane [Silane, dichlorodimethyl-]	75-78-5	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1,1-Dimethylhydrazine [Hydrazine, 1, 1-dimethyl-]	57-14-7	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2,2-Dimethylpropane [Propane, 2,2-dimethyl-]	463-82-1	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ethane	74-84-0	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ethyl acetylene [1-Butyne]	107-00-6	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ethyl chloride [Ethane, chloro-]	75-00-3	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Is the COI stored in bulk tanks? [Q:3.2-12712]		Is the COI stored in cavern/non-cavern type containment? [Q:3.2-12713]	
				Yes	No	Yes	No
Ethyl ether [Ethane, 1,1-oxybis-]	60-29-7	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ethyl mercaptan [Ethanethiol]	75-08-1	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ethyl nitrite [Nitrous acid, ethyl ester]	109-95-5	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ethylamine [Ethanamine]	75-04-7	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ethylene [Ethene]	74-85-1	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ethylene oxide [Oxirane]	75-21-8	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ethyleneimine [Aziridine]	151-56-4	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Furan	110-00-9	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hydrazine	302-01-2	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hydrogen	1333-74-0	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hydrogen selenide	7783-07-5	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Is the COI stored in bulk tanks? [Q:3.2-12712]		Is the COI stored in cavern/non-cavern type containment? [Q:3.2-12713]	
				Yes	No	Yes	No
Iron, pentacarbonyl- [Iron carbonyl (Fe (CO) <sub>5</sub> ), (TB5-11)-]	13463-40-6	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Isobutane [Propane, 2-methyl]	75-28-5	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Isopentane [Butane, 2-methyl-]	78-78-4	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Isoprene [1,3-Butadiene, 2-methyl-]	78-79-5	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Isopropyl chloride [Propane, 2-chloro-]	75-29-6	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Isopropylamine [2-Propanamine]	75-31-0	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Methane	74-82-8	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2-Methyl-1-butene	563-46-2	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3-Methyl-1-butene	563-45-1	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Methyl chloride [Methane, chloro-]	74-87-3	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



## CSAT Top-Screen Questions

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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Is the COI stored in bulk tanks? [Q:3.2-12712]		Is the COI stored in cavern/non-cavern type containment? [Q:3.2-12713]	
				Yes	No	Yes	No
Methyl chloroformate [Carbonochloridic acid, methyl ester]	79-22-1	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Methyl ether [Methane, oxybis-]	115-10-6	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Methyl formate [Formic acid Methyl ester]	107-31-3	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Methyl mercaptan [Methanethiol]	74-93-1	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Methylamine [Methanamine]	115-11-7	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2-Methylpropene [1-Propene, 2-methyl-]	74-89-5	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Methyltrichlorosilane [Silane, trichloromethyl-]	75-79-6	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Nickel Carbonyl	13463-39-3	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1,3-Pentadiene	504-60-9	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pentane	109-66-0	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1-Pentene	109-67-1	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>





# CSAT Top-Screen Questions

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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Is the COI stored in bulk tanks? [Q:3.2-12712]		Is the COI stored in cavern/non-cavern type containment? [Q:3.2-12713]	
				Yes	No	Yes	No
2-Pentene,(E)-	646-04-8	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2-Pentene, (Z)-	627-20-3	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Peracetic acid [Ethaneperoxic acid]	79-21-0	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Phosphine	7803-51-2	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Piperidine	110-89-4	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Propadiene [1,2-Propadiene]	463-49-0	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Propane	74-98-6	1.00%	60,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Propyl chloroformate [Carbonchloridic acid, propylester]	109-61-5	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Propylene [1-Propene]	115-07-1	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Propylene oxide [Oxirane, methyl-]	75-56-9	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Propyne [1-Propyne]	74-99-7	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Silane	7803-62-5	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Is the COI stored in bulk tanks? [Q:3.2-12712]		Is the COI stored in cavern/non-cavern type containment? [Q:3.2-12713]	
				Yes	No	Yes	No
Tetrafluoroethylene [Ethene, tetrafluoro-]	116-14-3	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tetramethylsilane [Silane, tetramethyl-]	75-76-3	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tetranitromethane [Methane, tetranitro-]	509-14-8	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Trichlorosilane [Silane, trichloro-]	10025-78-2	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Trifluorochloroethylene [Ethene, chlorotrifluoro]	79-38-9	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Trimethylamine [Methanamine, N,N-dimethyl-]	75-50-3	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Trimethylchlorosilane [Silane, chlorotrimethyl-]	75-77-4	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Vinyl acetate monomer [Acetic acid ethenyl ester]	108-05-4	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Vinyl acetylene [1-Buten-3-yne]	689-97-4	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Vinyl chloride [Ethene, chloro-]	75-01-4	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Is the COI stored in bulk tanks? <small>[Q:3.2-12712]</small>		Is the COI stored in cavern/non-cavern type containment? <small>[Q:3.2-12713]</small>	
				Yes	No	Yes	No
Vinyl ethyl ether [Ethene, ethoxy-]	109-92-2	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Vinyl fluoride [Ethene, fluoro-]	75-02-5	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Vinyl methyl ether [Ethene, methoxy-]	107-25-5	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Vinylidene chloride [Ethene, 1,1-dichloro-]	75-35-4	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Vinylidene fluoride [Ethene, 1,1-difluoro-]	75-38-7	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Fuels:</b> Bunker fuel				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Fuels:</b> Diesel				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Fuels:</b> Gasoline				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Fuels:</b> Home heating oil				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Fuels:</b> JP A (jet fuel)				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Fuels:</b> JP 5 (jet fuel)				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Fuels:</b> JP 8 (jet fuel)				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Fuels:</b> Kerosene				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Is the COI stored in bulk tanks? <small>[Q:3.2-12712]</small>	Is the COI stored in cavern/non-cavern type containment? <small>[Q:3.2-12713]</small>
				Yes No	Yes No
Fuels: LPG				<input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/>

**Underground Storage for Release Flammable COI (continued)**

The following questions regarding underground storage should only be answered about the amount of COI stored underground in bulk tanks.

- Enter the number of underground storage tanks.
- Enter the collective capacity of the underground tanks (pounds).
- Enter the distance from underground tank(s) to the nearest infrastructure (in feet) that is not associated with the underground storage operation. Infrastructure may include buildings, bridges, or other above ground structures or pipelines.

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Number of Underground Tanks <small>[Q:3.3-7960]</small>	Collective Capacity of Underground Tanks (pounds) <small>[Q:3.3-7961]</small>	Distance to Nearest Infrastructure (feet) <small>[Q:3.3-7962]</small>
Acetaldehyde	75-07-0	1.00%	10,000 lbs	<input type="text"/>	<input type="text"/>	<input type="text"/>
Acetylene [Ethyne]	74-86-2	1.00%	10,000 lbs	<input type="text"/>	<input type="text"/>	<input type="text"/>
Acrylonitrile [2-Propenenitrile]	107-13-1	1.00%	10,000 lbs	<input type="text"/>	<input type="text"/>	<input type="text"/>



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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Number of Underground Tanks	Collective Capacity of Underground Tanks (pounds)	Distance to Nearest Infrastructure (feet)
Acrylyl chloride [2-Propenoyl chloride]	814-68-6	1.00%	10,000 lbs	[Q:3.3-7960]	[Q:3.3-7961]	[Q:3.3-7962]
Allylamine [2-Propen-1-amine]	107-11-9	1.00%	10,000 lbs			
Bromotrifluorethylene [Ethene, bromotrifluoro-]	598-73-2	1.00%	10,000 lbs			
1,3-Butadiene	106-99-0	1.00%	10,000 lbs			
Butane	106-97-8	1.00%	10,000 lbs			
Butene	25167-67-3	1.00%	10,000 lbs			
1-Butene	106-98-9	1.00%	10,000 lbs			
2-Butene	107-01-7	1.00%	10,000 lbs			
2-Butene-cis	590-18-1	1.00%	10,000 lbs			
2-Butene-trans [2-Butene, (E)]	624-64-6	1.00%	10,000 lbs			
Carbon oxysulfide [Carbon oxide sulfide (COS); carbonyl sulfide]	463-58-1	1.00%	10,000 lbs			
Chlorine monoxide [Chlorine oxide]	7791-21-1	1.00%	10,000 lbs			



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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Number of Underground Tanks	Collective Capacity of Underground Tanks (pounds)	Distance to Nearest Infrastructure (feet)
1-Chloropropylene [1-Propene, 1-chloro-]	590-21-6	1.00%	10,000 lbs	[Q:3.3-7960]	[Q:3.3-7961]	[Q:3.3-7962]
2-Chloropropylene [1-Propene, 2-chloro-]	557-98-2	1.00%	10,000 lbs			
Crotonaldehyde [2-Butenal]	4170-30-3	1.00%	10,000 lbs			
Crotonaldehyde, (E)- [2-Butenal], (E)-]	123-73-9	1.00%	10,000 lbs			
Cyanogen [Ethanedinitrile]	460-19-5	1.00%	10,000 lbs			
Cyclopropane	75-19-4	1.00%	10,000 lbs			
Dichlorosilane [Silane, dichloro-]	4109-96-0	1.00%	10,000 lbs			
Difluoroethane [Ethane, 1,1-difluoro-]	75-37-6	1.00%	10,000 lbs			
Dimethylamine [Methanamine, N-methyl-]	124-40-3	1.00%	10,000 lbs			
Dimethyldichlorosilane [Silane, dichlorodimethyl-]	75-78-5	1.00%	10,000 lbs			
1,1-Dimethylhydrazine [Hydrazine, 1, 1-dimethyl-]	57-14-7	1.00%	10,000 lbs			



**CSAT Top-Screen Questions**

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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Number of Underground Tanks	Collective Capacity of Underground Tanks (pounds)	Distance to Nearest Infrastructure (feet)
2,2-Dimethylpropane [Propane, 2,2-dimethyl-]	463-82-1	1.00%	10,000 lbs	[Q:3.3-7960]	[Q:3.3-7961]	[Q:3.3-7962]
Ethane	74-84-0	1.00%	10,000 lbs			
Ethyl acetylene [1-Butyne]	107-00-6	1.00%	10,000 lbs			
Ethyl chloride [Ethane, chloro-]	75-00-3	1.00%	10,000 lbs			
Ethyl ether [Ethane, 1,1-oxybis-]	60-29-7	1.00%	10,000 lbs			
Ethyl mercaptan [Ethanethiol]	75-08-1	1.00%	10,000 lbs			
Ethyl nitrite [Nitrous acid, ethyl ester]	109-95-5	1.00%	10,000 lbs			
Ethylamine [Ethanamine]	75-04-7	1.00%	10,000 lbs			
Ethylene [Ethene]	74-85-1	1.00%	10,000 lbs			
Ethylene oxide [Oxirane]	75-21-8	1.00%	10,000 lbs			
Ethyleneimine [Aziridine]	151-56-4	1.00%	10,000 lbs			



## CSAT Top-Screen Questions

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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Number of Underground Tanks	Collective Capacity of Underground Tanks (pounds)	Distance to Nearest Infrastructure (feet)
Furan	110-00-9	1.00%	10,000 lbs	[Q:3.3-7960]	[Q:3.3-7961]	[Q:3.3-7962]
Hydrazine	302-01-2	1.00%	10,000 lbs			
Hydrogen	1333-74-0	1.00%	10,000 lbs			
Hydrogen selenide	7783-07-5	1.00%	10,000 lbs			
Iron, pentacarbonyl- [Iron carbonyl (Fe (CO) <sub>5</sub> ), (TB5-11)-]	13463-40-6	1.00%	10,000 lbs			
Isobutane [Propane, 2-methyl]	75-28-5	1.00%	10,000 lbs			
Isopentane [Butane, 2-methyl-]	78-78-4	1.00%	10,000 lbs			
Isoprene [1,3-Butadiene, 2-methyl-]	78-79-5	1.00%	10,000 lbs			
Isopropyl chloride [Propane, 2-chloro-]	75-29-6	1.00%	10,000 lbs			
Isopropylamine [2-Propanamine]	75-31-0	1.00%	10,000 lbs			
Methane	74-82-8	1.00%	10,000 lbs			
2-Methyl-1-butene	563-46-2	1.00%	10,000 lbs			





## CSAT Top-Screen Questions

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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Number of Underground Tanks	Collective Capacity of Underground Tanks (pounds)	Distance to Nearest Infrastructure (feet)
3-Methyl-1-butene	563-45-1	1.00%	10,000 lbs	[Q:3.3-7960]	[Q:3.3-7961]	[Q:3.3-7962]
Methyl chloride [Methane, chloro-]	74-87-3	1.00%	10,000 lbs			
Methyl chloroformate [Carbonochloridic acid, methyl ester]	79-22-1	1.00%	10,000 lbs			
Methyl ether [Methane, oxybis-]	115-10-6	1.00%	10,000 lbs			
Methyl formate [Formic acid Methyl ester]	107-31-3	1.00%	10,000 lbs			
Methyl mercaptan [Methanethiol]	74-93-1	1.00%	10,000 lbs			
Methylamine [Methanamine]	115-11-7	1.00%	10,000 lbs			
2-Methylpropene [1-Propene, 2-methyl-]	74-89-5	1.00%	10,000 lbs			
Methyltrichlorosilane [Silane, trichloromethyl-]	75-79-6	1.00%	10,000 lbs			
Nickel Carbonyl	13463-39-3	1.00%	10,000 lbs			
1,3-Pentadiene	504-60-9	1.00%	10,000 lbs			



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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Number of Underground Tanks	Collective Capacity of Underground Tanks (pounds)	Distance to Nearest Infrastructure (feet)
Pentane	109-66-0	1.00%	10,000 lbs	[Q:3.3-7960]	[Q:3.3-7961]	[Q:3.3-7962]
1-Pentene	109-67-1	1.00%	10,000 lbs			
2-Pentene,(E)-	646-04-8	1.00%	10,000 lbs			
2-Pentene, (Z)-	627-20-3	1.00%	10,000 lbs			
Peracetic acid [Ethaneperoxic acid]	79-21-0	1.00%	10,000 lbs			
Phosphine	7803-51-2	1.00%	10,000 lbs			
Piperidine	110-89-4	1.00%	10,000 lbs			
Propadiene [1,2-Propadiene]	463-49-0	1.00%	10,000 lbs			
Propane	74-98-6	1.00%	60,000 lbs			
Propyl chloroformate [Carbonchloridic acid, propylester]	109-61-5	1.00%	10,000 lbs			
Propylene [1-Propene]	115-07-1	1.00%	10,000 lbs			
Propylene oxide [Oxirane, methyl-]	75-56-9	1.00%	10,000 lbs			
Propyne [1-Propyne]	74-99-7	1.00%	10,000 lbs			



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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Number of Underground Tanks	Collective Capacity of Underground Tanks (pounds)	Distance to Nearest Infrastructure (feet)
Silane	7803-62-5	1.00%	10,000 lbs	[Q:3.3-7960]	[Q:3.3-7961]	[Q:3.3-7962]
Tetrafluoroethylene [Ethene, tetrafluoro-]	116-14-3	1.00%	10,000 lbs			
Tetramethylsilane [Silane, tetramethyl-]	75-76-3	1.00%	10,000 lbs			
Tetranitromethane [Methane, tetranitro-]	509-14-8	1.00%	10,000 lbs			
Trichlorosilane [Silane, trichloro-]	10025-78-2	1.00%	10,000 lbs			
Trifluorochloroethylene [Ethene, chlorotrifluoro]	79-38-9	1.00%	10,000 lbs			
Trimethylamine [Methanamine, N,N-dimethyl-]	75-50-3	1.00%	10,000 lbs			
Trimethylchlorosilane [Silane, chlorotrimethyl-]	75-77-4	1.00%	10,000 lbs			
Vinyl acetate monomer [Acetic acid ethenyl ester]	108-05-4	1.00%	10,000 lbs			
Vinyl acetylene [1-Buten-3-yne]	689-97-4	1.00%	10,000 lbs			
Vinyl chloride [Ethene, chloro-]	75-01-4	1.00%	10,000 lbs			



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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Number of Underground Tanks	Collective Capacity of Underground Tanks (pounds)	Distance to Nearest Infrastructure (feet)
Vinyl ethyl ether [Ethene, ethoxy-]	109-92-2	1.00%	10,000 lbs	[Q:3.3-7960]	[Q:3.3-7961]	[Q:3.3-7962]
Vinyl fluoride [Ethene, fluoro-]	75-02-5	1.00%	10,000 lbs			
Vinyl methyl ether [Ethene, methoxy-]	107-25-5	1.00%	10,000 lbs			
Vinylidene chloride [Ethene, 1,1-dichloro-]	75-35-4	1.00%	10,000 lbs			
Vinylidene fluoride [Ethene, 1,1-difluoro-]	75-38-7	1.00%	10,000 lbs			
<b>Fuels:</b> Bunker fuel						
<b>Fuels:</b> Diesel						
<b>Fuels:</b> Gasoline						
<b>Fuels:</b> Home heating oil						
<b>Fuels:</b> JP A (jet fuel)						
<b>Fuels:</b> JP 5 (jet fuel)						
<b>Fuels:</b> JP 8 (jet fuel)						
<b>Fuels:</b> Kerosene						



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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Number of Underground Tanks	Collective Capacity of Underground Tanks (pounds)	Distance to Nearest Infrastructure (feet)
<b>Fuels: LPG</b>				[Q:3.3-7960]	[Q:3.3-7961]	[Q:3.3-7962]
				<input type="text"/>	<input type="text"/>	<input type="text"/>

The following questions regarding underground storage should only be answered about the amount of COI stored underground in bulk tanks.

- Enter the pressure rating of tank(s) (psig).
- Is/Are the tank(s) double walled?
- Enter depth (from ground surface to tank top) of underground storage tanks (feet).
- Select the underground storage type

*Buried* storage is set in the ground and covered by soil. *Below grade* storage is set entirely below the surface of the ground in a storage pit but is not covered by soil.

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Pressure Rating of Tank(s) (psig)	Tank(s) Double Walled?		Depth of Underground Tanks (feet)	Underground Storage Type	
				[Q:3.4-7964]	[Q:3.4-7965]	[Q:3.4-7966]	[Q:3.4-12714]	Buried	Below grade
Acetaldehyde	75-07-0	1.00%	10,000 lbs	<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>	<input type="radio"/>	<input type="radio"/>
Acetylene [Ethyne]	74-86-2	1.00%	10,000 lbs	<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>	<input type="radio"/>	<input type="radio"/>
Acrylonitrile [2-Propenenitrile]	107-13-1	1.00%	10,000 lbs	<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>	<input type="radio"/>	<input type="radio"/>
Acrylyl chloride [2-Propenoyl chloride]	814-68-6	1.00%	10,000 lbs	<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>	<input type="radio"/>	<input type="radio"/>



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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Pressure Rating of Tank(s) (psig)	Tank(s) Double Walled?		Depth of Underground Tanks (feet)	Underground Storage Type	
				[Q:3.4-7964]	Yes	No	[Q:3.4-7966]	[Q:3.4-12714]	
								Buried	Below grade
Allylamine [2-Propen-1-amine]	107-11-9	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Bromotrifluorethylene [Ethene, bromotrifluoro-]	598-73-2	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
1,3-Butadiene	106-99-0	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Butane	106-97-8	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Butene	25167-67-3	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
1-Butene	106-98-9	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
2-Butene	107-01-7	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
2-Butene-cis	590-18-1	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
2-Butene-trans [2-Butene, (E)]	624-64-6	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Carbon oxysulfide [Carbon oxide sulfide (COS); carbonyl sulfide]	463-58-1	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Chlorine monoxide [Chlorine oxide]	7791-21-1	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
1-Chloropropylene [1-Propene, 1-chloro-]	590-21-6	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>



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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Pressure Rating of Tank(s) (psig)	Tank(s) Double Walled?		Depth of Underground Tanks (feet)	Underground Storage Type	
				[Q:3.4-7964]	[Q:3.4-7965]		[Q:3.4-7966]	[Q:3.4-12714]	
					Yes	No		Buried	Below grade
2-Chloropropylene [1-Propene, 2-chloro-]	557-98-2	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Crotonaldehyde [2-Butenal]	4170-30-3	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Crotonaldehyde, (E)- [2-Butenal], (E)-]	123-73-9	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Cyanogen [Ethanedinitrile]	460-19-5	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Cyclopropane	75-19-4	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Dichlorosilane [Silane, dichloro-]	4109-96-0	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Difluoroethane [Ethane, 1,1-difluoro-]	75-37-6	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Dimethylamine [Methanamine, N-methyl-]	124-40-3	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Dimethyldichlorosilane [Silane, dichlorodimethyl-]	75-78-5	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
1,1-Dimethylhydrazine [Hydrazine, 1, 1-dimethyl-]	57-14-7	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
2,2-Dimethylpropane [Propane, 2,2-dimethyl-]	463-82-1	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>



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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Pressure Rating of Tank(s) (psig)	Tank(s) Double Walled?		Depth of Underground Tanks (feet)	Underground Storage Type	
				[Q:3.4-7964]	[Q:3.4-7965]		[Q:3.4-7966]	[Q:3.4-12714]	
					Yes	No		Buried	Below grade
Ethane	74-84-0	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Ethyl acetylene [1-Butyne]	107-00-6	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Ethyl chloride [Ethane, chloro-]	75-00-3	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Ethyl ether [Ethane, 1,1-oxybis-]	60-29-7	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Ethyl mercaptan [Ethanethiol]	75-08-1	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Ethyl nitrite [Nitrous acid, ethyl ester]	109-95-5	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Ethylamine [Ethanamine]	75-04-7	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Ethylene [Ethene]	74-85-1	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Ethylene oxide [Oxirane]	75-21-8	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Ethyleneimine [Aziridine]	151-56-4	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Furan	110-00-9	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>





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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Pressure Rating of Tank(s) (psig)	Tank(s) Double Walled?		Depth of Underground Tanks (feet)	Underground Storage Type	
				[Q:3.4-7964]	Yes	No	[Q:3.4-7966]	[Q:3.4-12714]	
								Buried	Below grade
Hydrazine	302-01-2	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Hydrogen	1333-74-0	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Hydrogen selenide	7783-07-5	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Iron, pentacarbonyl- [Iron carbonyl (Fe (CO) <sub>5</sub> ), (TB5-11)-]	13463-40-6	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Isobutane [Propane, 2-methyl]	75-28-5	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Isopentane [Butane, 2-methyl-]	78-78-4	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Isoprene [1,3-Butadiene, 2-methyl-]	78-79-5	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Isopropyl chloride [Propane, 2-chloro-]	75-29-6	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Isopropylamine [2-Propanamine]	75-31-0	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Methane	74-82-8	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
2-Methyl-1-butene	563-46-2	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
3-Methyl-1-butene	563-45-1	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>



# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Pressure Rating of Tank(s) (psig)	Tank(s) Double Walled?		Depth of Underground Tanks (feet)	Underground Storage Type	
				[Q:3.4-7964]	Yes	No	[Q:3.4-7966]	[Q:3.4-12714]	
								Buried	Below grade
Methyl chloride [Methane, chloro-]	74-87-3	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Methyl chloroformate [Carbonochloridic acid, methyl ester]	79-22-1	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Methyl ether [Methane, oxybis-]	115-10-6	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Methyl formate [Formic acid Methyl ester]	107-31-3	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Methyl mercaptan [Methanethiol]	74-93-1	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Methylamine [Methanamine]	115-11-7	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
2-Methylpropene [1-Propene, 2-methyl-]	74-89-5	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Methyltrichlorosilane [Silane, trichloromethyl-]	75-79-6	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Nickel Carbonyl	13463-39-3	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
1,3-Pentadiene	504-60-9	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Pentane	109-66-0	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
1-Pentene	109-67-1	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>



# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Pressure Rating of Tank(s) (psig)	Tank(s) Double Walled?		Depth of Underground Tanks (feet)	Underground Storage Type	
				[Q:3.4-7964]	[Q:3.4-7965]		[Q:3.4-7966]	[Q:3.4-12714]	
					Yes	No		Buried	Below grade
2-Pentene,(E)-	646-04-8	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
2-Pentene, (Z)-	627-20-3	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Peracetic acid [Ethaneperoxic acid]	79-21-0	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Phosphine	7803-51-2	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Piperidine	110-89-4	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Propadiene [1,2-Propadiene]	463-49-0	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Propane	74-98-6	1.00%	60,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Propyl chloroformate [Carbonchloridic acid, propylester]	109-61-5	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Propylene [1-Propene]	115-07-1	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Propylene oxide [Oxirane, methyl-]	75-56-9	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Propyne [1-Propyne]	74-99-7	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Silane	7803-62-5	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>



# CSAT Top-Screen Questions

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Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Pressure Rating of Tank(s) (psig)	Tank(s) Double Walled?		Depth of Underground Tanks (feet)	Underground Storage Type	
				[Q:3.4-7964]	Yes	No	[Q:3.4-7966]	[Q:3.4-12714]	
								Buried	Below grade
Tetrafluoroethylene [Ethene, tetrafluoro-]	116-14-3	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Tetramethylsilane [Silane, tetramethyl-]	75-76-3	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Tetranitromethane [Methane, tetranitro-]	509-14-8	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Trichlorosilane [Silane, trichloro-]	10025-78-2	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Trifluorochloroethylene [Ethene, chlorotrifluoro]	79-38-9	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Trimethylamine [Methanamine, N,N-dimethyl-]	75-50-3	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Trimethylchlorosilane [Silane, chlorotrimethyl-]	75-77-4	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Vinyl acetate monomer [Acetic acid ethenyl ester]	108-05-4	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Vinyl acetylene [1-Buten-3-yne]	689-97-4	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Vinyl chloride [Ethene, chloro-]	75-01-4	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>



# CSAT Top-Screen Questions

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Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Pressure Rating of Tank(s) (psig) [Q:3.4-7964]	Tank(s) Double Walled? [Q:3.4-7965]		Depth of Underground Tanks (feet) [Q:3.4-7966]	Underground Storage Type [Q:3.4-12714]	
					Yes	No		Buried	Below grade
Vinyl ethyl ether [Ethene, ethoxy-]	109-92-2	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Vinyl fluoride [Ethene, fluoro-]	75-02-5	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Vinyl methyl ether [Ethene, methoxy-]	107-25-5	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Vinylidene chloride [Ethene, 1,1-dichloro-]	75-35-4	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
Vinylidene fluoride [Ethene, 1,1-difluoro-]	75-38-7	1.00%	10,000 lbs		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
<b>Fuels:</b> Bunker fuel					<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
<b>Fuels:</b> Diesel					<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
<b>Fuels:</b> Gasoline					<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
<b>Fuels:</b> Home heating oil					<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
<b>Fuels:</b> JP A (jet fuel)					<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
<b>Fuels:</b> JP 5 (jet fuel)					<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
<b>Fuels:</b> JP 8 (jet fuel)					<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
<b>Fuels:</b> Kerosene					<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>



# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Pressure Rating of Tank(s) (psig)	Tank(s) Double Walled?		Depth of Underground Tanks (feet)	Underground Storage Type	
				[Q:3.4-7964]	Yes	No	[Q:3.4-7966]	[Q:3.4-12714]	
Fuels: LPG				<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>	<input type="radio"/>	<input type="radio"/>

## Release Flammable COI Stored Below Grade

Answer the following question only for underground COI that are stored below grade.

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Is the below grade containment covered?	
				Yes	No
Acetaldehyde	75-07-0	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Acetylene [Ethyne]	74-86-2	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Acrylonitrile [2-Propenenitrile]	107-13-1	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Acrylyl chloride [2-Propenoyl chloride]	814-68-6	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Allylamine [2-Propen-1-amine]	107-11-9	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Bromotrifluoroethylene [Ethene, bromotrifluoro-]	598-73-2	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>



## CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Is the below grade containment covered? [Q:3.41-12717]	
				Yes	No
1,3-Butadiene	106-99-0	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Butane	106-97-8	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Butene	25167-67-3	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
1-Butene	106-98-9	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
2-Butene	107-01-7	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
2-Butene-cis	590-18-1	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
2-Butene-trans [2-Butene, (E)]	624-64-6	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Carbon oxysulfide [Carbon oxide sulfide (COS); carbonyl sulfide]	463-58-1	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Chlorine monoxide [Chlorine oxide]	7791-21-1	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
1-Chloropropylene [1-Propene, 1-chloro-]	590-21-6	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
2-Chloropropylene [1-Propene, 2-chloro-]	557-98-2	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Crotonaldehyde [2-Butenal]	4170-30-3	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Crotonaldehyde, (E)- [2-Butenal], (E)-]	123-73-9	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>



## CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Is the below grade containment covered? [Q:3.41-12717]	
				Yes	No
Cyanogen [Ethanedinitrile]	460-19-5	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Cyclopropane	75-19-4	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Dichlorosilane [Silane, dichloro-]	4109-96-0	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Difluoroethane [Ethane, 1,1-difluoro-]	75-37-6	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Dimethylamine [Methanamine, N-methyl-]	124-40-3	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Dimethyldichlorosilane [Silane, dichlorodimethyl-]	75-78-5	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
1,1-Dimethylhydrazine [Hydrazine, 1, 1-dimethyl-]	57-14-7	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
2,2-Dimethylpropane [Propane, 2,2-dimethyl-]	463-82-1	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Ethane	74-84-0	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Ethyl acetylene [1-Butyne]	107-00-6	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Ethyl chloride [Ethane, chloro-]	75-00-3	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Ethyl ether [Ethane, 1,1-oxybis-]	60-29-7	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>





## CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Is the below grade containment covered? [Q:3.41-12717]	
				Yes	No
Ethyl mercaptan [Ethanethiol]	75-08-1	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Ethyl nitrite [Nitrous acid, ethyl ester]	109-95-5	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Ethylamine [Ethanamine]	75-04-7	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Ethylene [Ethene]	74-85-1	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Ethylene oxide [Oxirane]	75-21-8	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Ethyleneimine [Aziridine]	151-56-4	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Furan	110-00-9	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Hydrazine	302-01-2	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Hydrogen	1333-74-0	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Hydrogen selenide	7783-07-5	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Iron, pentacarbonyl- [Iron carbonyl (Fe (CO) <sub>5</sub> ), (TB5-11)-]	13463-40-6	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Isobutane [Propane, 2-methyl]	75-28-5	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>



## CSAT Top-Screen Questions

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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Is the below grade containment covered? [Q:3.41-12717]	
				Yes	No
Isopentane [Butane, 2-methyl-]	78-78-4	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Isoprene [1,3-Butadiene, 2-methyl-]	78-79-5	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Isopropyl chloride [Propane, 2-chloro-]	75-29-6	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Isopropylamine [2-Propanamine]	75-31-0	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Methane	74-82-8	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
2-Methyl-1-butene	563-46-2	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
3-Methyl-1-butene	563-45-1	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Methyl chloride [Methane, chloro-]	74-87-3	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Methyl chloroformate [Carbonochloridic acid, methyl ester]	79-22-1	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Methyl ether [Methane, oxybis-]	115-10-6	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Methyl formate [Formic acid Methyl ester]	107-31-3	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Methyl mercaptan [Methanethiol]	74-93-1	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>



## CSAT Top-Screen Questions

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Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Is the below grade containment covered? [Q:3.41-12717]	
				Yes	No
Methylamine [Methanamine]	115-11-7	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
2-Methylpropene [1-Propene, 2-methyl-]	74-89-5	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Methyltrichlorosilane [Silane, trichloromethyl-]	75-79-6	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Nickel Carbonyl	13463-39-3	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
1,3-Pentadiene	504-60-9	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Pentane	109-66-0	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
1-Pentene	109-67-1	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
2-Pentene,(E)-	646-04-8	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
2-Pentene, (Z)-	627-20-3	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Peracetic acid [Ethaneperoxic acid]	79-21-0	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Phosphine	7803-51-2	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Piperidine	110-89-4	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Propadiene [1,2-Propadiene]	463-49-0	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Propane	74-98-6	1.00%	60,000 lbs	<input type="radio"/>	<input type="radio"/>



## CSAT Top-Screen Questions

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Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Is the below grade containment covered? [Q:3.41-12717]	
				Yes	No
Propyl chloroformate [Carbonchloridic acid, propylester]	109-61-5	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Propylene [1-Propene]	115-07-1	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Propylene oxide [Oxirane, methyl-]	75-56-9	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Propyne [1-Propyne]	74-99-7	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Silane	7803-62-5	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Tetrafluoroethylene [Ethene, tetrafluoro-]	116-14-3	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Tetramethylsilane [Silane, tetramethyl-]	75-76-3	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Tetranitromethane [Methane, tetranitro-]	509-14-8	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Trichlorosilane [Silane, trichloro-]	10025-78-2	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Trifluorochloroethylene [Ethene, chlorotrifluoro]	79-38-9	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Trimethylamine [Methanamine, N,N-dimethyl-]	75-50-3	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>



## CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Is the below grade containment covered? [Q:3.41-12717]	
				Yes	No
Trimethylchlorosilane [Silane, chlorotrimethyl-]	75-77-4	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Vinyl acetate monomer [Acetic acid ethenyl ester]	108-05-4	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Vinyl acetylene [1-Buten-3-yne]	689-97-4	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Vinyl chloride [Ethene, chloro-]	75-01-4	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Vinyl ethyl ether [Ethene, ethoxy-]	109-92-2	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Vinyl fluoride [Ethene, fluoro-]	75-02-5	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Vinyl methyl ether [Ethene, methoxy-]	107-25-5	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Vinylidene chloride [Ethene, 1,1-dichloro-]	75-35-4	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
Vinylidene fluoride [Ethene, 1,1-difluoro-]	75-38-7	1.00%	10,000 lbs	<input type="radio"/>	<input type="radio"/>
<b>Fuels:</b> Bunker fuel				<input type="radio"/>	<input type="radio"/>
<b>Fuels:</b> Diesel				<input type="radio"/>	<input type="radio"/>
<b>Fuels:</b> Gasoline				<input type="radio"/>	<input type="radio"/>



## CSAT Top-Screen Questions

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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Is the below grade containment covered? [Q:3.41-12717]	
				Yes	No
<b>Fuels:</b> Home heating oil				<input type="radio"/>	<input type="radio"/>
<b>Fuels:</b> JP A (jet fuel)				<input type="radio"/>	<input type="radio"/>
<b>Fuels:</b> JP 5 (jet fuel)				<input type="radio"/>	<input type="radio"/>
<b>Fuels:</b> JP 8 (jet fuel)				<input type="radio"/>	<input type="radio"/>
<b>Fuels:</b> Kerosene				<input type="radio"/>	<input type="radio"/>
<b>Fuels:</b> LPG				<input type="radio"/>	<input type="radio"/>



For each COI stored in cavern/non-cavern type containment [Q:3.2-12713], copy the following pages (103-105) as needed and answer the following.

**Underground Release Flammable COI Stored in Cavern or Non-Cavern Type Formations**

Flammable COI stored in Cavern/non-Cavern type formations.

The following questions regarding underground storage should only be answered about the amount of the COI that is stored underground in cavern or non-cavern type formations. *Cavernous* formations refer to porous rock formations. *Non-cavernous* formations refer to old gas or oil fields that are no longer productive.

**Is the release flammable COI stored in caverns or in non-cavern storage?**

[Q:3.5-12771]

- Cavern
- Non-cavern

**How many wells are in the storage field?**

[Q:3.5-12772]

**What is the aerial extent of the storage formation (in acres)?** [Q:3.5-8791]

**What is the total storage weight (in pounds)?**

[Q3.5-12773]







# CSAT Top-Screen Questions

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Enter the Name or ID of the Well Head	Depth of Well (feet)	Maximum Pressure at Well Head (psig)	Absolute Open Flow Rate at Maximum Pressure (mmcf/min)	Distance to Closest Infrastructure Not Associated with Storage Operation (feet)
[Q:3.5-8813] <input type="text"/>	[Q:3.5-8831] <input type="text"/>	[Q:3.5-8833] <input type="text"/>	[Q:3.5-8832] <input type="text"/>	[Q:3.5-8834] <input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>



## Release Explosives

### Release Explosive Chemicals of Interest

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 release explosive chemicals of interest at or above the screening threshold quantity at your facility?

Check "Yes" if the facility either currently possesses or possessed within the past 60 days the COI at or above the screening threshold quantity.

*(The default settings on this list indicate that the chemicals are NOT currently present on site nor have been onsite within the past 60 days. At the end of the list, you must indicate that these settings have been changed as applicable to the 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. A facility should indicate which COI it either currently possesses or possessed within the past 60 days at or above the screening threshold quantity.

A Commercial Grade (ACG) refers to any quality or concentration of a COI offered for commercial sale that a facility uses, stores, manufactures or ships.

*If the answer to question [Q:1.1-65], "Choose the facility type that best describes your facility" is Petroleum refinery or Liquefied natural gas storage, go to [Theft/Diversions WME](#) (page 129)*

*If "No" selected for all chemicals, go to [Theft/Diversions EXP/IEDP](#) (page 116)*



# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

[Q:4.0-154]

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Do you manufacture, process, use, store, or distribute any of the following release explosive chemicals of interest (COI) at or above the screening threshold quantity at your facility?	
				Yes	No
Ammonium nitrate, [with more than 0.2 percent combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance]	6484-52-2	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Ammonium perchlorate	7790-98-9	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Ammonium picrate	131-74-8	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Barium azide	18810-58-7	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Diazodinitrophenol	87-31-0	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Diethyleneglycol dinitrate	693-21-0	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Dingu [Dinitroglycoluril]	55510-04-8	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Dinitrophenol	25550-58-7	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Dinitroresorcinol	519-44-8	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Dipicryl sulfide	2217-06-3	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>



## CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Do you manufacture, process, use, store, or distribute any of the following release explosive chemicals of interest (COI) at or above the screening threshold quantity at your facility?	
				Yes	No
Dipicrylamine [or] Hexyl [Hexanitrodiphenylamine]	131-73-7	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Guanyl nitrosaminoguanlylidene hydrazine		ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Hexanitrostilbene	20062-22-0	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Hexolite [HexotoI]	121-82-4	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
HMX [Cyclotetramethylenetetranitramine]	2691-41-0	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Lead azide	13424-46-9	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Lead styphnate [Lead trinitroresorcinate]	15245-44-0	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Mercury fulminate	628-86-4	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
5-Nitrobenzotriazol	2338-12-7	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Nitrocellulose	9004-70-0	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Nitroglycerine	55-63-0	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>



## CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Do you manufacture, process, use, store, or distribute any of the following release explosive chemicals of interest (COI) at or above the screening threshold quantity at your facility?	
				Yes	No
Nitromannite [Mannitol hexanitrate, wetted]	15825-70-4	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Nitrostarch	9056-38-6	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Nitrotriazolone	932-64-9	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Octolite	57607-37-1	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Octonal	78413-87-3	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Pentolite	8066-33-9	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
PETN [Pentaerythritol tetranitrate]	78-11-5	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Picrite [Nitroguanidine]	556-88-7	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
RDX [Cyclotrimethylenetrinitramine]	121-82-4	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
RDX and HMX mixtures	121-82-4	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Tetranitroaniline	53014-37-2	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>



## CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Do you manufacture, process, use, store, or distribute any of the following release explosive chemicals of interest (COI) at or above the screening threshold quantity at your facility?	
				Yes	No
Tetrazene [Guanyl nitrosaminoguanyltetrazene]	109-27-3	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
1H-Tetrazole	288-94-8	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
TNT [Trinitrotoluene]	118-96-7	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Torpex [Hexotonal]	67713-16-0	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Trinitroaniline	26952-42-1	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Trinitroanisole	606-35-9	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Trinitrobenzene	99-35-4	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Trinitrobenzenesulfonic acid	2508-19-2	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Trinitrobenzoic acid	129-66-8	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Trinitrochlorobenzene	88-88-0	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Trinitrofluorenone	129-79-3	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Trinitro-meta-cresol	602-99-3	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>



# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Do you manufacture, process, use, store, or distribute any of the following release explosive chemicals of interest (COI) at or above the screening threshold quantity at your facility?	
				Yes	No
Trinitronaphthalene	55810-17-8	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Trinitrophenetole	4732-14-3	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Trinitrophenol	88-89-1	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Trinitroresorcinol	82-71-3	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>
Tritonal	54413-15-9	ACG	5,000 lbs	<input type="radio"/>	<input type="radio"/>

The list above has been reviewed and all chemicals of interest that the facility either currently possesses or possessed within the past 60 days at or above the screening threshold quantity have been indicated by selecting "Yes."

[Q:4.0-711]

- Yes
- No



**Release Explosive Chemicals of Interest - Detail**

Enter the total on-site quantity of the release explosive chemical of interest in pounds. Enter the quantity of the release explosive COI in the Area of Highest Quantity in pounds.

The total on-site quantity is the highest amount that the facility either currently possesses or possessed within the past 60 days. The Area of Highest Quantity (AHQ) is defined as an on-site area, with a radius of 170 feet, where the greatest amount of the release explosive COI is either currently present or has been present at any one time within the past 60 days. This amount may differ from the total on-site quantity. For release explosive COI, AHQ should be reported as an **aggregate amount of all release explosive COI located within the AHQ**. See the downloadable [Top-Screen Users Manual](#) for instructions. **Round both quantities to two significant digits** (e.g., round 247500 pounds to 250000 pounds, and round 7625 pounds to 7600 pounds). Do not use commas when entering data.

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Total On-site Quantity (pounds) [Q:4.1-712]	Quantity in AHQ (pounds) [Q:4.1-2795]
Ammonium nitrate, [with more than 0.2 percent combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance]	6484-52-2	ACG	5,000 lbs		
Ammonium perchlorate	7790-98-9	ACG	5,000 lbs		
Ammonium picrate	131-74-8	ACG	5,000 lbs		
Barium azide	18810-58-7	ACG	5,000 lbs		
Diazodinitrophenol	87-31-0	ACG	5,000 lbs		
Diethyleneglycol dinitrate	693-21-0	ACG	5,000 lbs		
Dingu [Dinitroglycoluril]	55510-04-8	ACG	5,000 lbs		
Dinitrophenol	25550-58-7	ACG	5,000 lbs		





## CSAT Top-Screen Questions

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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Total On-site Quantity (pounds) <small>[Q:4.1-712]</small>	Quantity in AHQ (pounds) <small>[Q:4.1-2795]</small>
Dinitroresorcinol	519-44-8	ACG	5,000 lbs		
Dipicryl sulfide	2217-06-3	ACG	5,000 lbs		
Dipicrylamine [or] Hexyl [Hexanitrodiphenylamine]	131-73-7	ACG	5,000 lbs		
Guanyl nitrosaminoguanylidene hydrazine		ACG	5,000 lbs		
Hexanitrostilbene	20062-22-0	ACG	5,000 lbs		
Hexolite [Hexotol]	121-82-4	ACG	5,000 lbs		
HMX [Cyclotetramethylenetetranitramine]	2691-41-0	ACG	5,000 lbs		
Lead azide	13424-46-9	ACG	5,000 lbs		
Lead styphnate [Lead trinitroresorcinate]	15245-44-0	ACG	5,000 lbs		
Mercury fulminate	628-86-4	ACG	5,000 lbs		
5-Nitrobenzotriazol	2338-12-7	ACG	5,000 lbs		
Nitrocellulose	9004-70-0	ACG	5,000 lbs		
Nitroglycerine	55-63-0	ACG	5,000 lbs		
Nitromannite [Mannitol hexanitrate, wetted]	15825-70-4	ACG	5,000 lbs		



# CSAT Top-Screen Questions

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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Total On-site Quantity (pounds) [Q:4.1-712]	Quantity in AHQ (pounds) [Q:4.1-2795]
Nitrostarch	9056-38-6	ACG	5,000 lbs		
Nitrotriazolon	932-64-9	ACG	5,000 lbs		
Octolite	57607-37-1	ACG	5,000 lbs		
Octonal	78413-87-3	ACG	5,000 lbs		
Pentolite	8066-33-9	ACG	5,000 lbs		
PETN [Pentaerythritol tetranitrate]	78-11-5	ACG	5,000 lbs		
Picrite [Nitroguanidine]	556-88-7	ACG	5,000 lbs		
RDX [Cyclotrimethylenetrinitramine]	121-82-4	ACG	5,000 lbs		
RDX and HMX mixtures	121-82-4	ACG	5,000 lbs		
Tetranitroaniline	53014-37-2	ACG	5,000 lbs		
Tetrazene [Guanyl nitrosaminoguanyltetrazene]	109-27-3	ACG	5,000 lbs		
1H-Tetrazole	288-94-8	ACG	5,000 lbs		
TNT [Trinitrotoluene]	118-96-7	ACG	5,000 lbs		
Torpex [Hexotonal]	67713-16-0	ACG	5,000 lbs		



# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Total On-site Quantity (pounds) [Q:4.1-712]	Quantity in AHQ (pounds) [Q:4.1-2795]
Trinitroaniline	26952-42-1	ACG	5,000 lbs		
Trinitroanisole	606-35-9	ACG	5,000 lbs		
Trinitrobenzene	99-35-4	ACG	5,000 lbs		
Trinitrobenzenesulfonic acid	2508-19-2	ACG	5,000 lbs		
Trinitrobenzoic acid	129-66-8	ACG	5,000 lbs		
Trinitrochlorobenzene	88-88-0	ACG	5,000 lbs		
Trinitrofluorenone	129-79-3	ACG	5,000 lbs		
Trinitro-meta-cresol	602-99-3	ACG	5,000 lbs		
Trinitronaphthalene	55810-17-8	ACG	5,000 lbs		
Trinitrophenetole	4732-14-3	ACG	5,000 lbs		
Trinitrophenol	88-89-1	ACG	5,000 lbs		
Trinitroresorcinol	82-71-3	ACG	5,000 lbs		
Tritonal	54413-15-9	ACG	5,000 lbs		



## Theft/Diversion EXP/IEDP

### Theft/Diversion Explosive/IED Precursor (EXP/IEDP) Chemicals of Interest

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 at the facility A Commercial Grade (including A Commercial Grade at or above any specified minimum concentration) of any of the following theft/diversion explosive/IED precursor chemicals of interest?

Check "Yes" if the facility either currently possesses or possessed within the past 60 days A Commercial Grade of the COI at or above the screening threshold quantity in transportation packaging.

*(The default settings on this list indicate that the chemicals are NOT currently present on site nor have been onsite within the past 60 days. At the end of the list, you must indicate that these settings have been changed as applicable to the 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. A facility should indicate which COI it either currently possesses or possessed within the past 60 days at or above the screening threshold quantity.

Transportation packaging, as defined by 49 CFR § 171.8 includes, but is not limited to, cylinders, bulk bags, bottles (inside or outside a box), cargo tanks, and/or tank cars.

A Commercial Grade (ACG) refers to any quality or concentration of a COI offered for commercial sale that a facility uses, stores, manufactures or ships.

If "No" selected for all chemicals, go to [Theft/Diversion WME](#) (page 129)



# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

[Q:5.0-175]

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Do you manufacture, process, use, store, or distribute at the facility A Commercial Grade (including A Commercial Grade at or above any specified minimum concentration) of any of the following theft/diversion explosive/IED precursor chemicals of interest? Check "Yes" if the facility either currently possesses or possessed within the past 60 days A Commercial Grade of the COI at or above the screening threshold quantity in transportation packaging.	
				Yes	No
Aluminum (powder)	7429-90-5	ACG	100 lbs	<input type="radio"/>	<input type="radio"/>
Ammonium nitrate, [with more than 0.2 percent combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance]	6484-52-2	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Ammonium nitrate, solid [nitrogen concentration of 23% nitrogen or greater]	6484-52-2	33.00%	2000 lbs	<input type="radio"/>	<input type="radio"/>
Ammonium perchlorate	7790-98-9	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Ammonium picrate	131-74-8	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Barium azide	18810-58-7	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Diazodinitrophenol	87-31-0	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Diethyleneglycol dinitrate	693-21-0	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>



# CSAT Top-Screen Questions

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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Do you manufacture, process, use, store, or distribute at the facility A Commercial Grade (including A Commercial Grade at or above any specified minimum concentration) of any of the following theft/diversion explosive/IED precursor chemicals of interest? Check "Yes" if the facility either currently possesses or possessed within the past 60 days A Commercial Grade of the COI <u>at or above the screening threshold quantity</u> in transportation packaging.	
				Yes	No
Dingu [Dinitroglycoluril]	55510-04-8	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Dinitrophenol	25550-58-7	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Dinitroresorcinol	519-44-8	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Dipicryl sulfide	2217-06-3	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Dipicrylamine [or] Hexyl [Hexanitrodiphenylamine]	131-73-7	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Guanyl nitrosaminoguanlylidene hydrazine		ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Hexanitrostilbene	20062-22-0	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Hexolite [Hexotol]	121-82-4	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
HMX [Cyclotetramethylene-tetranitramine]	2691-41-0	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>



# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Do you manufacture, process, use, store, or distribute at the facility A Commercial Grade (including A Commercial Grade at or above any specified minimum concentration) of any of the following theft/diversion explosive/IED precursor chemicals of interest? Check "Yes" if the facility either currently possesses or possessed within the past 60 days A Commercial Grade of the COI <u>at or above the screening threshold quantity</u> in transportation packaging.	
				Yes	No
Hydrogen peroxide (concentration of at least 35%)	7722-84-1	35.00%	400 lbs	<input type="radio"/>	<input type="radio"/>
Lead azide	13424-46-9	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Lead styphnate [Lead trinitroresorcinate]	15245-44-0	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Magnesium (powder)	7439-95-4	ACG	100 lbs	<input type="radio"/>	<input type="radio"/>
Mercury fulminate	628-86-4	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Nitric acid	7697-37-2	68.00%	400 lbs	<input type="radio"/>	<input type="radio"/>
Nitrobenzene	98-95-3	ACG	100 lbs	<input type="radio"/>	<input type="radio"/>
5-Nitrobenzotriazol	2338-12-7	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Nitrocellulose	9004-70-0	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Nitroglycerine	55-63-0	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Nitromannite [Mannitol hexanitrate, wetted]	15825-70-4	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>



# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Do you manufacture, process, use, store, or distribute at the facility A Commercial Grade (including A Commercial Grade at or above any specified minimum concentration) of any of the following theft/diversion explosive/IED precursor chemicals of interest? Check "Yes" if the facility either currently possesses or possessed within the past 60 days A Commercial Grade of the COI <u>at or above the screening threshold quantity</u> in transportation packaging.	
				Yes	No
Nitromethane	75-52-5	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Nitrostarch	9056-38-6	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Nitrotriazolone	932-64-9	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Octolite	57607-37-1	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Octonal	78413-87-3	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Pentolite	8066-33-9	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
PETN [Pentaerythritol tetranitrate]	78-11-5	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Phosphorus	7723-14-0	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Picrite [Nitroguanidine]	556-88-7	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Potassium chlorate	3811-04-9	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Potassium nitrate	7757-79-1	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>





## CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Do you manufacture, process, use, store, or distribute at the facility A Commercial Grade (including A Commercial Grade at or above any specified minimum concentration) of any of the following theft/diversion explosive/IED precursor chemicals of interest? Check "Yes" if the facility either currently possesses or possessed within the past 60 days A Commercial Grade of the COI at or above the screening threshold quantity in transportation packaging.	
				Yes	No
Potassium perchlorate	7778-74-7	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Potassium permanganate	7722-64-7	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
RDX [Cyclotrimethylenetrinitramine]	121-82-4	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
RDX and HMX mixtures	121-82-4	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Sodium azide	26628-22-8	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Sodium chlorate	7775-09-9	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Sodium nitrate	7631-99-4	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Tetranitroaniline	53014-37-2	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Tetrazene [Guanyl nitrosaminoguanyltetrazene]	109-27-3	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
1H-Tetrazole	288-94-8	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
TNT [Trinitrotoluene]	118-96-7	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>



# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Do you manufacture, process, use, store, or distribute at the facility A Commercial Grade (including A Commercial Grade at or above any specified minimum concentration) of any of the following theft/diversion explosive/IED precursor chemicals of interest? Check "Yes" if the facility either currently possesses or possessed within the past 60 days A Commercial Grade of the COI <u>at or above the screening threshold quantity</u> in transportation packaging.	
				Yes	No
Torpex [Hexotonal]	67713-16-0	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Trinitroaniline	26952-42-1	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Trinitroanisole	606-35-9	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Trinitrobenzene	99-35-4	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Trinitrobenzenesulfonic acid	2508-19-2	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Trinitrobenzoic acid	129-66-8	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Trinitrochlorobenzene	88-88-0	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Trinitrofluorenone	129-79-3	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Trinitro-meta-cresol	602-99-3	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Trinitronaphthalene	55810-17-8	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Trinitrophenetole	4732-14-3	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Trinitrophenol	88-89-1	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>



# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Do you manufacture, process, use, store, or distribute at the facility A Commercial Grade (including A Commercial Grade at or above any specified minimum concentration) of any of the following theft/diversion explosive/IED precursor chemicals of interest? Check "Yes" if the facility either currently possesses or possessed within the past 60 days A Commercial Grade of the COI <u>at or above the screening threshold quantity</u> in transportation packaging.	
				Yes	No
Trinitroresorcinol	82-71-3	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>
Tritonal	54413-15-9	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>

The list above has been reviewed and all chemicals of interest that the facility either currently possesses or possessed within the past 60 days at or above the screening threshold quantity have been indicated by selecting "Yes."

[Q:5.0-714]

- Yes
- No

## Theft/Diversions Explosive/IED Precursor Chemicals of Interest - Detail

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

A portable package can either be man-portable being movable by 1-3 people without the aid of powered mechanical devices or mechanically portable with the aid of a fork lift, truck or crane.

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

OMB PRA # 1670-0007  
Expires: 5/31/2011

Bulk storage refers to a package or container from which the COI could be safely transferred into a portable package or container.

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Portable [Q:5.1-233]	Bulk Transport [Q:5.1-234]	Bulk Storage [Q:5.1-235]
Aluminum (powder)	7429-90-5	ACG	100 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ammonium nitrate, [with more than 0.2 percent combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance]	6484-52-2	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ammonium nitrate, solid [nitrogen concentration of 23% nitrogen or greater]	6484-52-2	33.00%	2000 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ammonium perchlorate	7790-98-9	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ammonium picrate	131-74-8	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Barium azide	18810-58-7	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Diazodinitrophenol	87-31-0	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Diethyleneglycol dinitrate	693-21-0	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dingu [Dinitroglycoluril]	55510-04-8	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dinitrophenol	25550-58-7	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dinitroresorcinol	519-44-8	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dipicryl sulfide	2217-06-3	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dipicrylamine [or] Hexyl [Hexanitrodiphenylamine]	131-73-7	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



## CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Portable [Q:5.1-233]	Bulk Transport [Q:5.1-234]	Bulk Storage [Q:5.1-235]
Guanyl nitrosaminoguanylidene hydrazine		ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hexanitrostilbene	20062-22-0	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hexolite [Hexoto]	121-82-4	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
HMX [Cyclotetramethylene-tetranitramine]	2691-41-0	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hydrogen peroxide (concentration of at least 35%)	7722-84-1	35.00%	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lead azide	13424-46-9	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lead styphnate [Lead trinitroresorcinate]	15245-44-0	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Magnesium (powder)	7439-95-4	ACG	100 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mercury fulminate	628-86-4	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Nitric acid	7697-37-2	68.00%	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Nitrobenzene	98-95-3	ACG	100 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5-Nitrobenzotriazol	2338-12-7	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Nitrocellulose	9004-70-0	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Nitroglycerine	55-63-0	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Nitromannite [Mannitol hexanitrate, wetted]	15825-70-4	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



## CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Portable [Q:5.1-233]	Bulk Transport [Q:5.1-234]	Bulk Storage [Q:5.1-235]
Nitromethane	75-52-5	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Nitrostarch	9056-38-6	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Nitrotriazolone	932-64-9	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Octolite	57607-37-1	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Octonal	78413-87-3	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pentolite	8066-33-9	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PETN [Pentaerythritol tetranitrate]	78-11-5	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Phosphorus	7723-14-0	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Picrite [Nitroguanidine]	556-88-7	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Potassium chlorate	3811-04-9	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Potassium nitrate	7757-79-1	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Potassium perchlorate	7778-74-7	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Potassium permanganate	7722-64-7	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
RDX [Cyclotrimethylenetrinitramine]	121-82-4	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
RDX and HMX mixtures	121-82-4	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sodium azide	26628-22-8	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



## CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Portable [Q:5.1-233]	Bulk Transport [Q:5.1-234]	Bulk Storage [Q:5.1-235]
Sodium chlorate	7775-09-9	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sodium nitrate	7631-99-4	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tetranitroaniline	53014-37-2	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tetrazene [Guanyl nitrosaminoguanyltetrazene]	109-27-3	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1H-Tetrazole	288-94-8	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
TNT [Trinitrotoluene]	118-96-7	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Torpex [Hexotonal]	67713-16-0	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Trinitroaniline	26952-42-1	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Trinitroanisole	606-35-9	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Trinitrobenzene	99-35-4	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Trinitrobenzenesulfonic acid	2508-19-2	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Trinitrobenzoic acid	129-66-8	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Trinitrochlorobenzene	88-88-0	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Trinitrofluorenone	129-79-3	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Trinitro-meta-cresol	602-99-3	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Trinitronaphthalene	55810-17-8	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



## CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Portable [Q:5.1-233]	Bulk Transport [Q:5.1-234]	Bulk Storage [Q:5.1-235]
Trinitrophenetole	4732-14-3	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Trinitrophenol	88-89-1	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Trinitroresorcinol	82-71-3	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tritonal	54413-15-9	ACG	400 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>





## Theft/Diversion WME

### Theft/Diversion Weapons of Mass Effect (WME) Chemicals of Interest

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 at the facility any of the following theft/diversion WME chemicals of interest?

Check "Yes" if the facility either currently possesses or possessed within the past 60 days the COI at or above the screening threshold quantity in transportation packaging.

*(The default settings on this list indicate that the chemicals are NOT currently present on site nor have been onsite within the past 60 days. At the end of the list, you must indicate that these settings have been changed as applicable to the 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. A facility should indicate which COI it either currently possesses or possessed within the past 60 days at or above the screening threshold quantity.

Transportation packaging, as defined by 49 CFR § 171.8 includes, but is not limited to, cylinders, bulk bags, bottles (inside or outside a box), cargo tanks, and/or tank cars.

A Commercial Grade (ACG) refers to any quality or concentration of a COI offered for commercial sale that a facility uses, stores, manufactures or ships.

If "No" selected for all chemicals, go to [Theft/Diversion CW/CWP](#) (page 139)



# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

[Q:6.0-251]

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Do you manufacture, process, use, store, or distribute at the facility any of the following theft/diversion WME chemicals of interest? Check "Yes" if the facility either currently possesses or possessed within the past 60 days the COI <u>at or above the screening threshold quantity</u> in transportation packaging.	
				Yes	No
Arsine	7784-42-1	0.67%	15 lbs	<input type="radio"/>	<input type="radio"/>
Boron tribromide	10294-33-4	12.67%	45 lbs	<input type="radio"/>	<input type="radio"/>
Boron trichloride [Borane, trichloro]	10294-34-5	84.70%	45 lbs	<input type="radio"/>	<input type="radio"/>
Boron trifluoride [Borane, trifluoro]	7637-07-2	26.87%	45 lbs	<input type="radio"/>	<input type="radio"/>
Bromine chloride	13863-41-7	9.67%	45 lbs	<input type="radio"/>	<input type="radio"/>
Bromine trifluoride	7787-71-5	6.00%	45 lbs	<input type="radio"/>	<input type="radio"/>
Carbonyl fluoride	353-50-4	12.00%	45 lbs	<input type="radio"/>	<input type="radio"/>
Carbonyl sulfide	463-58-1	56.67%	500 lbs	<input type="radio"/>	<input type="radio"/>
Chlorine	7782-50-5	9.77%	500 lbs	<input type="radio"/>	<input type="radio"/>
Chlorine pentafluoride	13637-63-3	4.07%	15 lbs	<input type="radio"/>	<input type="radio"/>
Chlorine trifluoride	7790-91-2	9.97%	45 lbs	<input type="radio"/>	<input type="radio"/>



# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Do you manufacture, process, use, store, or distribute at the facility any of the following theft/diversion WME chemicals of interest? Check "Yes" if the facility either currently possesses or possessed within the past 60 days the COI <u>at or above the screening threshold quantity</u> in transportation packaging.	
				Yes	No
Cyanogen [Ethanedinitrile]	460-19-5	11.67%	45 lbs	<input type="radio"/>	<input type="radio"/>
Cyanogen chloride	506-77-4	2.67%	15 lbs	<input type="radio"/>	<input type="radio"/>
Diborane	19287-45-7	2.67%	15 lbs	<input type="radio"/>	<input type="radio"/>
Dichlorosilane [Silane, dichloro-]	4109-96-0	10.47%	45 lbs	<input type="radio"/>	<input type="radio"/>
Dinitrogen tetroxide	10544-72-6	3.80%	15 lbs	<input type="radio"/>	<input type="radio"/>
Fluorine	7782-41-4	6.17%	15 lbs	<input type="radio"/>	<input type="radio"/>
Germane	7782-65-2	20.73%	45 lbs	<input type="radio"/>	<input type="radio"/>
Germanium tetrafluoride	7783-58-6	2.11%	15 lbs	<input type="radio"/>	<input type="radio"/>
Hexaethyl tetraphosphate and compressed gas mixtures	757-58-4	33.37%	500 lbs	<input type="radio"/>	<input type="radio"/>
Hexafluoroacetone	684-16-2	15.67%	45 lbs	<input type="radio"/>	<input type="radio"/>
Hydrogen bromide (anhydrous)	10035-10-6	95.33%	500 lbs	<input type="radio"/>	<input type="radio"/>



# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Do you manufacture, process, use, store, or distribute at the facility any of the following theft/diversion WME chemicals of interest? Check "Yes" if the facility either currently possesses or possessed within the past 60 days the COI <u>at or above the screening threshold quantity</u> in transportation packaging.	
				Yes	No
Hydrogen chloride (anhydrous)	7647-01-0	ACG	500 lbs	<input type="radio"/>	<input type="radio"/>
Hydrogen cyanide [Hydrocyanic acid]	74-90-8	4.67%	15 lbs	<input type="radio"/>	<input type="radio"/>
Hydrogen fluoride (anhydrous)	7664-39-3	42.53%	45 lbs	<input type="radio"/>	<input type="radio"/>
Hydrogen iodide, anhydrous	10034-85-2	95.33%	500 lbs	<input type="radio"/>	<input type="radio"/>
Hydrogen selenide	7783-07-5	0.07%	15 lbs	<input type="radio"/>	<input type="radio"/>
Hydrogen sulfide	7783-06-4	23.73%	45 lbs	<input type="radio"/>	<input type="radio"/>
Methyl mercaptan [Methanethiol]	74-93-1	45.00%	500 lbs	<input type="radio"/>	<input type="radio"/>
Methylchlorosilane	993-00-0	20.00%	45 lbs	<input type="radio"/>	<input type="radio"/>
Nitric oxide [Nitrogen oxide (NO)]	10102-43-9	3.83%	15 lbs	<input type="radio"/>	<input type="radio"/>
Nitrogen trioxide	10544-73-7	3.83%	15 lbs	<input type="radio"/>	<input type="radio"/>
Nitrosyl chloride	2696-92-6	1.17%	15 lbs	<input type="radio"/>	<input type="radio"/>



# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Do you manufacture, process, use, store, or distribute at the facility any of the following theft/diversion WME chemicals of interest? Check "Yes" if the facility either currently possesses or possessed within the past 60 days the COI <u>at or above the screening threshold quantity</u> in transportation packaging.	
				Yes	No
Oxygen difluoride	7783-41-7	0.09%	15 lbs	<input type="radio"/>	<input type="radio"/>
Perchloryl fluoride	7616-94-6	25.67%	45 lbs	<input type="radio"/>	<input type="radio"/>
Phosgene [Carbonic dichloride] or [carbonyl dichloride]	75-44-5	0.17%	15 lbs	<input type="radio"/>	<input type="radio"/>
Phosphine	7803-51-2	0.67%	15 lbs	<input type="radio"/>	<input type="radio"/>
Phosphorus trichloride	7719-12-2	3.48%	45 lbs	<input type="radio"/>	<input type="radio"/>
Selenium hexafluoride	7783-79-1	1.67%	15 lbs	<input type="radio"/>	<input type="radio"/>
Silicon tetrafluoride	7783-61-1	15.00%	45 lbs	<input type="radio"/>	<input type="radio"/>
Stibine	7803-52-3	0.67%	15 lbs	<input type="radio"/>	<input type="radio"/>
Sulfur dioxide (anhydrous)	7446-09-5	84.00%	500 lbs	<input type="radio"/>	<input type="radio"/>
Sulfur tetrafluoride [Sulfur fluoride (SF <sub>4</sub> ), (T-4)-]	7783-60-0	1.33%	15 lbs	<input type="radio"/>	<input type="radio"/>
Tellurium hexafluoride	7783-80-4	0.83%	15 lbs	<input type="radio"/>	<input type="radio"/>



# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Do you manufacture, process, use, store, or distribute at the facility any of the following theft/diversion WME chemicals of interest? Check "Yes" if the facility either currently possesses or possessed within the past 60 days the COI <u>at or above the screening threshold quantity</u> in transportation packaging.	
				Yes	No
Titanium tetrachloride [Titanium chloride (TiCl <sub>4</sub> ) (T-4)-]	7550-45-0	13.33%	45 lbs	<input type="radio"/>	<input type="radio"/>
Trifluoroacetyl chloride	354-32-5	6.93%	45 lbs	<input type="radio"/>	<input type="radio"/>
Trifluorochloroethylene [Ethene, chlorotrifluoro]	79-38-9	66.67%	500 lbs	<input type="radio"/>	<input type="radio"/>
Tungsten hexafluoride	7783-82-6	7.10%	45 lbs	<input type="radio"/>	<input type="radio"/>

The list above has been reviewed and all chemicals of interest that the facility either currently possesses or possessed within the past 60 days at or above the screening threshold quantity have been indicated by selecting "Yes."

[Q:6.0-715]

- Yes
- No



**Theft/Diversions Weapons of Mass Effect (WME) Chemicals of Interest - Detail**

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

A portable package can either be man-portable being movable by 1-3 people without the aid of powered mechanical devices or mechanically portable with the aid of a fork lift, truck or crane.

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.

Bulk storage refers to a package or container from which the COI could be safely transferred into a portable package or container.

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Portable <small>[Q:6.1-253]</small>	Bulk Transport <small>[Q:6.1-254]</small>	Bulk Storage <small>[Q:6.1-7071]</small>
Arsine	7784-42-1	0.67%	15 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Boron tribromide	10294-33-4	12.67%	45 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Boron trichloride [Borane, trichloro]	10294-34-5	84.70%	45 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Boron trifluoride [Borane, trifluoro]	7637-07-2	26.87%	45 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Bromine chloride	13863-41-7	9.67%	45 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Bromine trifluoride	7787-71-5	6.00%	45 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Carbonyl fluoride	353-50-4	12.00%	45 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Carbonyl sulfide	463-58-1	56.67%	500 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Chlorine	7782-50-5	9.77%	500 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



## CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Portable [Q:6.1-253]	Bulk Transport [Q:6.1-254]	Bulk Storage [Q:6.1-7071]
Chlorine pentafluoride	13637-63-3	4.07%	15 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Chlorine trifluoride	7790-91-2	9.97%	45 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cyanogen [Ethanedinitrile]	460-19-5	11.67%	45 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cyanogen chloride	506-77-4	2.67%	15 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Diborane	19287-45-7	2.67%	15 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dichlorosilane [Silane, dichloro-]	4109-96-0	10.47%	45 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dinitrogen tetroxide	10544-72-6	3.80%	15 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fluorine	7782-41-4	6.17%	15 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Germane	7782-65-2	20.73%	45 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Germanium tetrafluoride	7783-58-6	2.11%	15 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hexaethyl tetraphosphate and compressed gas mixtures	757-58-4	33.37%	500 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hexafluoroacetone	684-16-2	15.67%	45 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hydrogen bromide (anhydrous)	10035-10-6	95.33%	500 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hydrogen chloride (anhydrous)	7647-01-0	ACG	500 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hydrogen cyanide [Hydrocyanic acid]	74-90-8	4.67%	15 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>





## CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Portable [Q:6.1-253]	Bulk Transport [Q:6.1-254]	Bulk Storage [Q:6.1-7071]
Hydrogen fluoride (anhydrous)	7664-39-3	42.53%	45 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hydrogen iodide, anhydrous	10034-85-2	95.33%	500 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hydrogen selenide	7783-07-5	0.07%	15 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hydrogen sulfide	7783-06-4	23.73%	45 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Methyl mercaptan [Methanethiol]	74-93-1	45.00%	500 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Methylchlorosilane	993-00-0	20.00%	45 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Nitric oxide [Nitrogen oxide (NO)]	10102-43-9	3.83%	15 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Nitrogen trioxide	10544-73-7	3.83%	15 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Nitrosyl chloride	2696-92-6	1.17%	15 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Oxygen difluoride	7783-41-7	0.09%	15 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Perchloryl fluoride	7616-94-6	25.67%	45 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Phosgene [Carbonic dichloride] or [carbonyl dichloride]	75-44-5	0.17%	15 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Phosphine	7803-51-2	0.67%	15 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Phosphorus trichloride	7719-12-2	3.48%	45 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Selenium hexafluoride	7783-79-1	1.67%	15 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Silicon tetrafluoride	7783-61-1	15.00%	45 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



## CSAT Top-Screen Questions

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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Portable [Q:6.1-253]	Bulk Transport [Q:6.1-254]	Bulk Storage [Q:6.1-7071]
Stibine	7803-52-3	0.67%	15 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sulfur dioxide (anhydrous)	7446-09-5	84.00%	500 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sulfur tetrafluoride [Sulfur fluoride (SF <sub>4</sub> ), (T-4)-]	7783-60-0	1.33%	15 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tellurium hexafluoride	7783-80-4	0.83%	15 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Titanium tetrachloride [Titanium chloride (TiCl <sub>4</sub> ) (T-4)-]	7550-45-0	13.33%	45 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Trifluoroacetyl chloride	354-32-5	6.93%	45 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Trifluorochloroethylene [Ethene, chlorotrifluoro]	79-38-9	66.67%	500 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tungsten hexafluoride	7783-82-6	7.10%	45 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



## Theft/Diversion CW/CWP

### Theft/Diversion of Chemical Weapons/Chemical Weapon Precursors (CW/CWP) Chemicals of Interest

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 at the facility any of the following theft/diversion CW/CWP chemicals of interest?**

Check "Yes" if the facility either currently possesses or possessed within the past 60 days the COI at or above the screening threshold quantity in transportation packaging.

*(The default settings on this list indicate that the chemicals are NOT currently present on site nor have been onsite within the past 60 days. At the end of the list, you must indicate that these settings have been changed as applicable to the 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. A facility should indicate which COI it either currently possesses or possessed within the past 60 days at or above the screening threshold quantity.

NOTE: The STQ for chemical weapons is a cumulative 100 grams (CUM 100g). In order to determine whether or not a facility meets or exceeds this STQ, a facility must total the amount of any and all chemical weapons it possesses or possessed toward the single STQ of CUM 100 g which applies to all chemical weapons.

Transportation packaging, as defined by 49 CFR § 171.8 includes, but is not limited to, cylinders, bulk bags, bottles (inside or outside a box), cargo tanks, and tank cars.

*If the answer to question [Q:1.1-65], "Choose the facility type that best describes your facility" is Refinery or Liquefied Natural Gas Storage, or if "No" selected for all chemicals, go to [Sabotage/Contamination Chemicals](#) (page 150)*



# CSAT Top-Screen Questions

OMB PRA # 1670-0007  
Expires: 5/31/2011

[Q:7.0-257]

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Do you manufacture, process, use, store, or distribute at the facility any of the following theft/diversion CW/CWP chemicals of interest? Check "Yes" if the facility either currently possesses or possessed within the past 60 days the COI at or above the screening threshold quantity in transportation packaging.	
				Yes	No
Arsenic trichloride [Arsenous trichloride]	7784-34-1	30.00%	2.2 lbs	<input type="radio"/>	<input type="radio"/>
1,4-Bis(2-chloroethylthio)-n-butane	142868-93-7		CUM 100g	<input type="radio"/>	<input type="radio"/>
Bis(2-chloroethylthio)methane	63869-13-6		CUM 100g	<input type="radio"/>	<input type="radio"/>
Bis(2-chloroethylthiomethyl)ether	63918-90-1		CUM 100g	<input type="radio"/>	<input type="radio"/>
1,5-Bis(2-chloroethylthio)-n-pentane	142868-94-8		CUM 100g	<input type="radio"/>	<input type="radio"/>
1,3-Bis(2-chloroethylthio)-n-propane	63905-10-2		CUM 100g	<input type="radio"/>	<input type="radio"/>
2-Chloroethylchloro-methylsulfide	2625-76-5		CUM 100g	<input type="radio"/>	<input type="radio"/>
Chlorosarin [o-Isopropyl methylphosphonochloridate]	1445-76-7		CUM 100g	<input type="radio"/>	<input type="radio"/>
Chlorosoman [o-Pinacolyl methylphosphonochloridate]	7040-57-5		CUM 100g	<input type="radio"/>	<input type="radio"/>
DF [Methyl phosphonyl difluoride]	676-98-3		CUM 100g	<input type="radio"/>	<input type="radio"/>
N,N-(2-diethylamino)ethanethiol	100-38-9	30.00%	2.2 lbs	<input type="radio"/>	<input type="radio"/>



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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Do you manufacture, process, use, store, or distribute at the facility any of the following theft/diversion CW/CWP chemicals of interest? Check "Yes" if the facility either currently possesses or possessed within the past 60 days the COI <u>at or above the screening threshold quantity</u> in transportation packaging.	
				Yes	No
o,o-Diethyl S-[2-(diethylamino)ethyl] phosphorothiolate	78-53-5	30.00%	2.2 lbs	<input type="radio"/>	<input type="radio"/>
Diethyl methylphosphonite	15715-41-0	30.00%	2.2 lbs	<input type="radio"/>	<input type="radio"/>
N,N-Diethyl phosphoramidic dichloride	1498-54-0	30.00%	2.2 lbs	<input type="radio"/>	<input type="radio"/>
N,N-(2-diisopropylamino)ethanethiol [N,N-diisopropyl-β-aminoethane thiol]	5842-07-9	30.00%	2.2 lbs	<input type="radio"/>	<input type="radio"/>
N,N-Diisopropyl phosphoramidic dichloride	23306-80-1	30.00%	2.2 lbs	<input type="radio"/>	<input type="radio"/>
N,N-(2-dimethylamino)ethanethiol	108-02-1	30.00%	2.2 lbs	<input type="radio"/>	<input type="radio"/>
N,N-Dimethyl phosphoramidic dichloride [Dimethylphosphoramido-dichloridate]	677-43-0	30.00%	2.2 lbs	<input type="radio"/>	<input type="radio"/>
N,N-(2-dipropylamino)ethanethiol	5842-06-8	30.00%	2.2 lbs	<input type="radio"/>	<input type="radio"/>
N,N-Dipropyl phosphoramidic dichloride	40881-98-9	30.00%	2.2 lbs	<input type="radio"/>	<input type="radio"/>
Ethyl phosphonyl difluoride	753-98-0		CUM 100g	<input type="radio"/>	<input type="radio"/>
Ethyldiethanolamine	139-87-7	80.00%	220 lbs	<input type="radio"/>	<input type="radio"/>
Ethylphosphonothioic dichloride	993-43-1	30.00%	2.2 lbs	<input type="radio"/>	<input type="radio"/>



# CSAT Top-Screen Questions

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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Do you manufacture, process, use, store, or distribute at the facility any of the following theft/diversion CW/CWP chemicals of interest? Check "Yes" if the facility either currently possesses or possessed within the past 60 days the COI <u>at or above the screening threshold quantity</u> in transportation packaging.	
				Yes	No
HN1 (Nitrogen Mustard-1) [Bis(2-chloroethyl)ethylamine]	538-07-8		CUM 100g	<input type="radio"/>	<input type="radio"/>
HN2 (Nitrogen Mustard-2) [Bis(2-chloroethyl)methylamine]	51-75-2		CUM 100g	<input type="radio"/>	<input type="radio"/>
HN3 (Nitrogen Mustard-3) [Tris(2-chloroethyl)amine]	555-77-1		CUM 100g	<input type="radio"/>	<input type="radio"/>
Isopropylphosphonothioic dichloride	1498-60-8	30.00%	2.2 lbs	<input type="radio"/>	<input type="radio"/>
Isopropylphosphonyl difluoride	677-42-9		CUM 100g	<input type="radio"/>	<input type="radio"/>
Lewisite 1 [2-chlorovinylchloroarsine]	541-25-3		CUM 100g	<input type="radio"/>	<input type="radio"/>
Lewisite 2 [Bis(2-chlorovinyl)chloroarsine]	40334-69-8		CUM 100g	<input type="radio"/>	<input type="radio"/>
Lewisite 3 [Tris(2-chlorovinyl)arsine]	40334-70-1		CUM 100g	<input type="radio"/>	<input type="radio"/>
MDEA [Methyldiethanolamine]	105-59-9	80.00%	220 lbs	<input type="radio"/>	<input type="radio"/>
Methylphosphonothioic dichloride	676-98-2	30.00%	2.2 lbs	<input type="radio"/>	<input type="radio"/>



## CSAT Top-Screen Questions

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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Do you manufacture, process, use, store, or distribute at the facility any of the following theft/diversion CW/CWP chemicals of interest? Check "Yes" if the facility either currently possesses or possessed within the past 60 days the COI <u>at or above the screening threshold quantity</u> in transportation packaging.	
				Yes	No
O-Mustard (T) [Bis(2-chloroethylthioethyl)ether]	63918-89-8		CUM 100g	<input type="radio"/>	<input type="radio"/>
Nitrogen mustard hydrochloride [Bis(2-chloroethyl)methylamine hydrochloride]	55-86-7	30.00%	2.2 lbs	<input type="radio"/>	<input type="radio"/>
Phosphorus oxychloride [Phosphoryl chloride]	10025-87-3	80.00%	220 lbs	<input type="radio"/>	<input type="radio"/>
Propylphosphonothioic dichloride	2524-01-8	30.00%	2.2 lbs	<input type="radio"/>	<input type="radio"/>
Propylphosphonyl difluoride	690-14-2		CUM 100g	<input type="radio"/>	<input type="radio"/>
QL [o-Ethyl-o-2-diisopropylaminoethyl methylphosphonite]	57856-11-8		CUM 100g	<input type="radio"/>	<input type="radio"/>
Sarin [o-Isopropyl methylphosphonofluoridate]	107-44-8		CUM 100g	<input type="radio"/>	<input type="radio"/>
Sesquimustard [1,2-Bis(2-chloroethylthio)ethane]	3563-36-8		CUM 100g	<input type="radio"/>	<input type="radio"/>
Soman [o-Pinacoyl methylphosphonofluoridate]	96-64-0		CUM 100g	<input type="radio"/>	<input type="radio"/>



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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Do you manufacture, process, use, store, or distribute at the facility any of the following theft/diversion CW/CWP chemicals of interest? Check "Yes" if the facility either currently possesses or possessed within the past 60 days the COI <u>at or above the screening threshold quantity</u> in transportation packaging.	
				Yes	No
Sulfur Mustard (Mustard gas (H)) [Bis(2-chloroethyl)sulfide]	505-60-2		CUM 100g	<input type="radio"/>	<input type="radio"/>
Tabun [o-Ethyl-N,N-dimethylphosphoramido-cyanidate]	77-81-6		CUM 100g	<input type="radio"/>	<input type="radio"/>
Thiodiglycol [Bis(2-hydroxyethyl)sulfide]	111-48-8	30.00%	2.2 lbs	<input type="radio"/>	<input type="radio"/>
Triethanolamine	102-71-6	80.00%	220 lbs	<input type="radio"/>	<input type="radio"/>
Triethanolamine hydrochloride	637-39-8	80.00%	220 lbs	<input type="radio"/>	<input type="radio"/>
Triethyl phosphite	122-52-1	80.00%	220 lbs	<input type="radio"/>	<input type="radio"/>
Trimethyl phosphite	121-45-9	80.00%	220 lbs	<input type="radio"/>	<input type="radio"/>
VX [o-Ethyl-S-2-diisopropylaminoethyl methyl phosphonothiolate]	50782-69-9		CUM 100g	<input type="radio"/>	<input type="radio"/>





The list above has been reviewed and all chemicals of interest that the facility either currently possesses or possessed within the past 60 days at or above the screening threshold quantity have been indicated by selecting "Yes."

[Q:7.0-721]

- Yes
- No

### Theft/Diversions Chemical Weapons/Chemical Weapon Precursors (CW/CWP) Chemicals of Interest - Details

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

A portable package can either be man-portable being movable by 1-3 people without the aid of powered mechanical devices or mechanically portable with the aid of a fork lift, truck or crane.

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.

Bulk storage refers to a package or container from which the COI could be safely transferred into a portable package or container.

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Portable [Q:7.1-260]	Bulk Transport [Q:7.1-261]	Bulk Storage [Q:7.1-262]
Arsenic trichloride [Arsenous trichloride]	7784-34-1	30.00%	2.2 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1,4-Bis(2-chloroethylthio)-n-butane	142868-93-7		CUM 100g	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Bis(2-chloroethylthio)methane	63869-13-6		CUM 100g	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Bis(2-chloroethylthiomethyl)ether	63918-90-1		CUM 100g	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Portable [Q:7.1-260]	Bulk Transport [Q:7.1-261]	Bulk Storage [Q:7.1-262]
1,5-Bis(2-chloroethylthio)-n-pentane	142868-94-8		CUM 100g	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1,3-Bis(2-chloroethylthio)-n-propane	63905-10-2		CUM 100g	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2-Chloroethylchloro-methylsulfide	2625-76-5		CUM 100g	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Chlorosarin [o-Isopropyl methylphosphonochloridate]	1445-76-7		CUM 100g	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Chlorosoman [o-Pinacolyl methylphosphonochloridate]	7040-57-5		CUM 100g	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
DF [Methyl phosphonyl difluoride]	676-98-3		CUM 100g	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
N,N-(2-diethylamino)ethanethiol	100-38-9	30.00%	2.2 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
o,o-Diethyl S-[2-(diethylamino)ethyl] phosphorothiolate	78-53-5	30.00%	2.2 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Diethyl methylphosphonite	15715-41-0	30.00%	2.2 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
N,N-Diethyl phosphoramidic dichloride	1498-54-0	30.00%	2.2 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
N,N-(2-diisopropylamino)ethanethiol [N,N-diisopropyl-β-aminoethane thiol]	5842-07-9	30.00%	2.2 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
N,N-Diisopropyl phosphoramidic dichloride	23306-80-1	30.00%	2.2 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
N,N-(2-dimethylamino)ethanethiol	108-02-1	30.00%	2.2 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
N,N-Dimethyl phosphoramidic dichloride [Dimethylphosphoramido-dichloridate]	677-43-0	30.00%	2.2 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
N,N-(2-dipropylamino)ethanethiol	5842-06-8	30.00%	2.2 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Portable [Q:7.1-260]	Bulk Transport [Q:7.1-261]	Bulk Storage [Q:7.1-262]
N,N-Dipropyl phosphoramidic dichloride	40881-98-9	30.00%	2.2 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ethyl phosphonyl difluoride	753-98-0		CUM 100g	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ethyldiethanolamine	139-87-7	80.00%	220 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ethylphosphonothioic dichloride	993-43-1	30.00%	2.2 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
HN1 (Nitrogen Mustard-1) [Bis(2-chloroethyl)ethylamine]	538-07-8		CUM 100g	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
HN2 (Nitrogen Mustard-2) [Bis(2-chloroethyl)methylamine]	51-75-2		CUM 100g	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
HN3 (Nitrogen Mustard-3) [Tris(2-chloroethyl)amine]	555-77-1		CUM 100g	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Isopropylphosphonothioic dichloride	1498-60-8	30.00%	2.2 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Isopropylphosphonyl difluoride	677-42-9		CUM 100g	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lewisite 1 [2-chlorovinyl)dichloroarsine]	541-25-3		CUM 100g	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lewisite 2 [Bis(2-chlorovinyl)chloroarsine]	40334-69-8		CUM 100g	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lewisite 3 [Tris(2-chlorovinyl)arsine]	40334-70-1		CUM 100g	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
MDEA [Methyldiethanolamine]	105-59-9	80.00%	220 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Methylphosphonothioic dichloride	676-98-2	30.00%	2.2 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



## CSAT Top-Screen Questions

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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Portable [Q:7.1-260]	Bulk Transport [Q:7.1-261]	Bulk Storage [Q:7.1-262]
O-Mustard (T) [Bis(2-chloroethylthioethyl)ether]	63918-89-8		CUM 100g	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Nitrogen mustard hydrochloride [Bis(2-chloroethyl)methylamine hydrochloride]	55-86-7	30.00%	2.2 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Phosphorus oxychloride [Phosphoryl chloride]	10025-87-3	80.00%	220 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Propylphosphonothioic dichloride	2524-01-8	30.00%	2.2 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Propylphosphonyl difluoride	690-14-2		CUM 100g	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
QL [o-Ethyl-o-2-diisopropylaminoethyl methylphosphonite]	57856-11-8		CUM 100g	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sarin [o-Isopropyl methylphosphonofluoridate]	107-44-8		CUM 100g	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sesquimustard [1,2-Bis(2-chloroethylthio)ethane]	3563-36-8		CUM 100g	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Soman [o-Pinacolyl methylphosphonofluoridate]	96-64-0		CUM 100g	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sulfur Mustard (Mustard gas (H)) [Bis(2-chloroethyl)sulfide]	505-60-2		CUM 100g	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tabun [o-Ethyl-N,N-dimethylphosphoramido-cyanidate]	77-81-6		CUM 100g	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Thiodiglycol [Bis(2-hydroxyethyl)sulfide]	111-48-8	30.00%	2.2 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Portable [Q:7.1-260]	Bulk Transport [Q:7.1-261]	Bulk Storage [Q:7.1-262]
Triethanolamine	102-71-6	80.00%	220 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Triethanolamine hydrochloride	637-39-8	80.00%	220 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Triethyl phosphite	122-52-1	80.00%	220 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Trimethyl phosphite	121-45-9	80.00%	220 lbs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
VX [o-Ethyl-S-2-diisopropylaminoethyl methyl phosphonothiolate]	50782-69-9		CUM 100g	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



## Sabotage/Contamination Chemicals

### Sabotage/Contamination Chemicals of Interest

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 or has it shipped any of the following chemicals of interest in a placarded amount?

A facility meets or exceeds the STQ for a sabotage/contamination chemical of interest if it ships or has shipped the chemical and is or was required to placard the shipment of that chemical pursuant to the provisions of subpart F of 49 CFR part 172.

*(The default settings on this list indicate that the chemicals are NOT currently present on site nor have been onsite within the past 60 days. At the end of the list, you must indicate that these settings have been changed as applicable to the 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. A facility should indicate which COI it either currently possesses or possessed within the past 60 days at or above the screening threshold quantity.

A Commercial Grade (ACG) refers to any quality or concentration of a COI offered for commercial sale that a facility uses, stores, manufactures or ships.

A Placarded Amount (APA) refers to the STQ for a sabotage and contamination chemical of interest, as calculated in accordance with § 27.203(d). If "No" selected for all chemicals, go to *Mission Critical Chemicals* (page 157)



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[Q:8.1-722]

Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Does the facility ship or has it shipped any of the following chemicals of interest in a placarded amount? A facility meets or exceeds the STQ for a sabotage/contamination chemical of interest if it ships or has shipped the chemical and is or was required to placard the shipment of that chemical pursuant to the provisions of subpart F of 49 CFR part 172.	
				Yes	No
Acetone cyanohydrin, stabilized	75-86-5	ACG	APA	<input type="radio"/>	<input type="radio"/>
Acetyl bromide	506-96-7	ACG	APA	<input type="radio"/>	<input type="radio"/>
Acetyl chloride	75-36-5	ACG	APA	<input type="radio"/>	<input type="radio"/>
Acetyl iodide	507-02-8	ACG	APA	<input type="radio"/>	<input type="radio"/>
Allyltrichlorosilane, stabilized	107-37-9	ACG	APA	<input type="radio"/>	<input type="radio"/>
Aluminum bromide, anhydrous	7727-15-3	ACG	APA	<input type="radio"/>	<input type="radio"/>
Aluminum chloride, anhydrous	7446-70-0	ACG	APA	<input type="radio"/>	<input type="radio"/>
Aluminum phosphide	20859-73-8	ACG	APA	<input type="radio"/>	<input type="radio"/>
Amyltrichlorosilane	107-72-2	ACG	APA	<input type="radio"/>	<input type="radio"/>
Antimony pentafluoride	7783-70-2	ACG	APA	<input type="radio"/>	<input type="radio"/>
Boron tribromide	10294-33-4	ACG	APA	<input type="radio"/>	<input type="radio"/>
Bromine pentafluoride	7789-30-2	ACG	APA	<input type="radio"/>	<input type="radio"/>
Bromine trifluoride	7787-71-5	ACG	APA	<input type="radio"/>	<input type="radio"/>
Butyltrichlorosilane	7521-80-4	ACG	APA	<input type="radio"/>	<input type="radio"/>



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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Does the facility ship or has it shipped any of the following chemicals of interest in a placarded amount? A facility meets or exceeds the STQ for a sabotage/contamination chemical of interest if it ships or has shipped the chemical and is or was required to placard the shipment of that chemical pursuant to the provisions of subpart F of 49 CFR part 172.	
				Yes	No
Calcium hydrosulfite [Calcium dithionite]	15512-36-4	ACG	APA	<input type="radio"/>	<input type="radio"/>
Calcium phosphide	1305-99-3	ACG	APA	<input type="radio"/>	<input type="radio"/>
Chlorine dioxide [Chlorine oxide, (ClO <sub>2</sub> )]	10049-04-4	ACG	APA	<input type="radio"/>	<input type="radio"/>
Chloroacetyl chloride	79-04-9	ACG	APA	<input type="radio"/>	<input type="radio"/>
Chlorosulfonic acid	7790-94-5	ACG	APA	<input type="radio"/>	<input type="radio"/>
Chromium oxychloride	14977-61-8	ACG	APA	<input type="radio"/>	<input type="radio"/>
Cyclohexyltrichlorosilane	98-12-4	ACG	APA	<input type="radio"/>	<input type="radio"/>
Diethyldichlorosilane	1719-53-5	ACG	APA	<input type="radio"/>	<input type="radio"/>
Dimethyldichlorosilane [Silane, dichlorodimethyl-]	75-78-5	ACG	APA	<input type="radio"/>	<input type="radio"/>
Dipenyldichlorosilane	80-10-4	ACG	APA	<input type="radio"/>	<input type="radio"/>
Dodecyltrichlorosilane	4484-72-4	ACG	APA	<input type="radio"/>	<input type="radio"/>
Ethyltrichlorosilane	115-21-9	ACG	APA	<input type="radio"/>	<input type="radio"/>





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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Does the facility ship or has it shipped any of the following chemicals of interest in a placarded amount? A facility meets or exceeds the STQ for a sabotage/contamination chemical of interest if it ships or has shipped the chemical and is or was required to placard the shipment of that chemical pursuant to the provisions of subpart F of 49 CFR part 172.	
				Yes	No
Fluorosulfonic acid	7789-21-1	ACG	APA	<input type="radio"/>	<input type="radio"/>
Hexyltrichlorosilane	928-65-4	ACG	APA	<input type="radio"/>	<input type="radio"/>
Iodine pentafluoride	7783-66-6	ACG	APA	<input type="radio"/>	<input type="radio"/>
Lithium amide	7782-89-0	ACG	APA	<input type="radio"/>	<input type="radio"/>
Lithium nitride	26134-62-3	ACG	APA	<input type="radio"/>	<input type="radio"/>
Magnesium diamide	7803-54-5	ACG	APA	<input type="radio"/>	<input type="radio"/>
Magnesium phosphide	12057-74-8	ACG	APA	<input type="radio"/>	<input type="radio"/>
Methyldichlorosilane	75-54-7	ACG	APA	<input type="radio"/>	<input type="radio"/>
Methylphenyldichlorosilane	149-74-6	ACG	APA	<input type="radio"/>	<input type="radio"/>
Methyltrichlorosilane [Silane, trichloromethyl-]	75-79-6	ACG	APA	<input type="radio"/>	<input type="radio"/>
Nonyltrichlorosilane	5283-67-0	ACG	APA	<input type="radio"/>	<input type="radio"/>
Octadecyltrichlorosilane	112-04-9	ACG	APA	<input type="radio"/>	<input type="radio"/>
Octyltrichlorosilane	5283-66-9	ACG	APA	<input type="radio"/>	<input type="radio"/>



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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Does the facility ship or has it shipped any of the following chemicals of interest in a placarded am A facility meets or exceeds the STQ for a sabotage/contamination chemical of interest if it ships or has shipped the chemical and is or was required to placard the shipment of that chemical pursuant to the provisions of subpart F of 49 CFR part 172.	
				Yes	No
Phenyltrichlorosilane	98-13-5	ACG	APA	<input type="radio"/>	<input type="radio"/>
Phosphorus oxychloride [Phosphoryl chloride]	10025-87-3	ACG	APA	<input type="radio"/>	<input type="radio"/>
Phosphorus pentabromide	7789-69-7	ACG	APA	<input type="radio"/>	<input type="radio"/>
Phosphorus pentachloride	10026-13-8	ACG	APA	<input type="radio"/>	<input type="radio"/>
Phosphorus pentasulfide	1314-80-3	ACG	APA	<input type="radio"/>	<input type="radio"/>
Phosphorus trichloride	7719-12-2	ACG	APA	<input type="radio"/>	<input type="radio"/>
Potassium cyanide	151-50-8	ACG	APA	<input type="radio"/>	<input type="radio"/>
Potassium phosphide	20770-41-6	ACG	APA	<input type="radio"/>	<input type="radio"/>
Propyltrichlorosilane	141-57-1	ACG	APA	<input type="radio"/>	<input type="radio"/>
Silicon tetrachloride	10026-04-7	ACG	APA	<input type="radio"/>	<input type="radio"/>
Sodium cyanide	143-33-9	ACG	APA	<input type="radio"/>	<input type="radio"/>
Sodium hydrosulfite [Sodium dithionite]	7775-14-6	ACG	APA	<input type="radio"/>	<input type="radio"/>
Sodium phosphide	12058-85-4	ACG	APA	<input type="radio"/>	<input type="radio"/>



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Chemical Name	CAS#	Min. Conc.	Screening Threshold Quantity	Does the facility ship or has it shipped any of the following chemicals of interest in a placarded amount? A facility meets or exceeds the STQ for a sabotage/contamination chemical of interest if it ships or has shipped the chemical and is or was required to placard the shipment of that chemical pursuant to the provisions of subpart F of 49 CFR part 172.	
				Yes	No
Strontium phosphide	12504-16-4	ACG	APA	<input type="radio"/>	<input type="radio"/>
Sulfuryl chloride	7791-25-5	ACG	APA	<input type="radio"/>	<input type="radio"/>
Thionyl chloride	7719-09-7	ACG	APA	<input type="radio"/>	<input type="radio"/>
Titanium tetrachloride [Titanium chloride (TiCl <sub>4</sub> ) (T-4)-]	7550-45-0	ACG	APA	<input type="radio"/>	<input type="radio"/>
Trichlorosilane [Silane, trichloro-]	10025-78-2	ACG	APA	<input type="radio"/>	<input type="radio"/>
Trimethylchlorosilane [Silane, chlorotrimethyl-]	75-77-4	ACG	APA	<input type="radio"/>	<input type="radio"/>
Vinyltrichlorosilane	75-94-5	ACG	APA	<input type="radio"/>	<input type="radio"/>
Zinc hydrosulfite [Zinc dithionite]	7779-86-4	ACG	APA	<input type="radio"/>	<input type="radio"/>



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**The list above has been reviewed and all chemicals of interest that the facility either currently possesses or possessed within the past 60 days at or above the screening threshold quantity have been indicated by selecting "Yes."**

[Q:8.1-718]

- Yes
- No



## Mission Critical Chemicals

### Mission Critical Chemical Production

**Does this facility account for 20% or more of the domestic production of any chemical AND supply the chemical to one or more of the following critical infrastructure sectors: Defense Industrial Base, Energy (electricity generation only), Public Health or Healthcare, and/or Public Drinking Water? The facility should answer this question for chemicals listed in Appendix A, as well as for those not listed in Appendix A.**

[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 162)

For each chemical, copy the following pages (158-161) 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?"

After the above information has been entered, go to [Economically Critical Chemicals](#) (page 162)



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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]

Enter another common name for this chemical.

▲ 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





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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 for which the facility accounts for 20% or more of domestic production and are supplied to the aforementioned critical infrastructure sectors?**

[Q:9.1-2772]

Yes

Go to [Economically Critical Chemicals](#) (page 162)



## Economically Critical Chemicals

### Economically Critical Chemical Production

**If you are a manufacturer, what is the total value of products shipped and other receipts from the facility? (In dollars - number without dollar sign or commas)**

**If you are not a manufacturer, please enter "0".**

[Q:10.0-3092]

▲ 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.

**Does this facility account for 35% or more of the domestic production of any chemical (including Appendix A and non-Appendix A chemicals) and supply the chemical(s) to any sector of the US economy excluding these critical infrastructure sectors: Defense Industrial Base, Energy (electricity generation only), Public Health or Healthcare, and/or Public Drinking Water?**

[Q:10.0-771]

- Yes
- No

▲ This question should be answered "Yes" if this facility accounts for 35% or more of the domestic production of a chemical and this chemical is not supplied to Defense Industrial Base, Energy (electricity generation only), Public Health or Healthcare, and/or Public Drinking Water. If answered "No", go to page 169

For each chemical, copy the following pages (164-168) 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?



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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?”*



**Enter the name of the chemical(s) for which the facility accounts for 35% or more of domestic production excluding chemical(s) produced for the critical infrastructure sectors: Defense Industrial Base, Energy (electricity generation only), Public Health or Healthcare, and/or Public Drinking Water.**

*For each chemical, enter the appropriate information.*

**Chemical Name**

[Q:10.1-772]

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

**CAS #** [Q:10.2-860]

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

[Q:10.2-872]

Enter another common name for this chemical.

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

**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



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- Paper additive
- Plastic additive
- Plastic compounding
- Rubber processing chemical
- Water management chemical
- Pharmaceutical (active ingredient)
- Consumer product (e.g., soaps, cosmetics, toiletries)
- Check for other application(s) not listed. [Q:10.3-911]

**Enter other application(s) of this chemical by this facility's customer(s) that were not listed**

[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



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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 for which the facility accounts for 35% or more of domestic production and are supplied to other than the aforementioned critical infrastructure sectors?**

[Q:10.1-2774]

Yes





## Finish

### DHS Communications

A letter with the preliminary tiering will be sent to the Submitter.

### Preparer Copy

**Do you want a copy of the letter with the preliminary tiering to be sent to the Preparer in addition to the Submitter?**

[Q:15.3-931]

- Yes
- No

### Submission Statement

**My statements in this submission are true, complete, and correct to the best of my knowledge and belief and are made in good faith. I understand that a knowing and willful false statement on this form can be punished by fine or imprisonment or both. (See section 1001 of title 18, United States Code).**