

CSAT Top-Screen

Questions

June 2007



Homeland
Security



CSAT Top-Screen Questions

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

General	3
Facility Name	3
Facility Description	4
Facility Location	4
Facility Owner or Operator	6
Facility Regulatory Mandates	6
EPA Facility Identifier	8
Co-Located Facility	8
Additional Facility Information	9
Security Vulnerability Assessment (SVA)	10
SVA Date	11
Refinery Capacity	11
Refinery Market Share	12
Airport Fuels Supplier	13
Military Installation Supplier	13
LNG Capacity	14
LNG Exclusion Zone	14
Release of Toxics	16
Toxic Chemicals of Concern	16
Toxic Chemicals Present On Site	19
Release of Flammables	27
Flammable Chemicals of Concern	27
Flammable Chemicals Present On Site	32
Release of Explosives	38
Explosive Chemicals of Concern	38
Explosive Chemicals Present On Site	40
Theft/Diversions of IEDP	44
Explosive/IED Precursor Chemicals of Concern	44
Explosive/IED Precursor Chemicals Storage	47
Theft/Diversions of WME	52
Weapons-of-Mass-Effect (WME) Chemicals of Concern	52
Weapons-of-Mass-Effect (WME) Chemicals Storage	54
Theft/Diversions of CW/CWP	57
Chemical Weapons/Chemical Weapon Precursors (CW/CWP) Chemicals of Concern ..	57
Chemical Weapons/Chemical Weapon Precursors (CW/CWP) Chemicals Storage	60
Sabotage/Contamination Chemicals	64
Sabotage/Contamination Chemicals of Concern	64
Sabotage/Contamination Chemicals Storage	67
Mission Critical Chemicals	70
Mission Critical Production	70
Economically Critical Chemicals	74
Economically Critical Production	74
Finish	80



General

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

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

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

The public reporting burden for this form is estimated to be 30.3 hours. The burden estimate includes time for reviewing instructions, researching existing data sources, gathering and maintaining the needed data, and completing and submitting the form. Send comments regarding the accuracy of the burden estimate and any suggestions for reducing the burden to: NPPD/OIP/Chemical Security Compliance Division, Attention: Matthew Bettridge, 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.

Facility Name

Facility Name
[Q:1.0-66]

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



CSAT Top-Screen Questions

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

Alternative Facility

Name [Q:1.0-62]

Provide alternative names under which the facility may be known

Facility Description

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

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

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

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

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

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

Facility Location

Facility Location Address [Q:1.1-68]

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



CSAT Top-Screen Questions

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

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

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

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

Facility Location City
[Q:1.1-71]

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

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

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

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

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

Facility Latitude
[Q:1.1-591]

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

Facility Longitude
[Q:1.1-75]

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



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

[Q:1.1-76]

Facility Owner or Operator

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

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

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

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

Facility Regulatory Mandates

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

[Q:1.3-85]

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

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



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

[Q:1.3-86]

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

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

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

[Q:1.3-87]

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

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

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

[Q:1.3-88]

- ☐ Yes
- ☐ No

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

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

[Q:1.3-89]

- ☐ Yes
- ☐ No

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



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

[Q:1.3-90]

☐ Yes

☐ No

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

EPA Facility Identifier

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

[Q:1.41-395]

☐ Yes

☐ No

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

If Yes, fill in EPA Facility Identifier number

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

[Q:1.42-396]

EPA Facility
Identifier

Co-Located Facility

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

[Q:1.43-397]

☐ Facility is host to a co-located tenant facility

☐ Facility is a co-located tenant facility

☐ Not applicable

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



CSAT Top-Screen Questions

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

If facility is host or tenant:

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

Host/Tenant Facility

[Q:1.44-398]

**Host/Tenant EPA
Facility Identifier**

[Q:1.44-399]

Additional Facility Information

Enter the number of full-time employees and contractors.

**Number of Full Time
Employees**

[Q:1.45-400]

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

Parent Company Name and Data Universal Numbering System (DUNS)

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

**Parent Company 1
Name** [Q:1.45-432]

**Parent Company 1
DUNS** [Q:1.45-433]

**Parent Company 2
Name** [Q:1.45-434]

**Parent Company 2
DUNS** [Q:1.45-435]



Security Vulnerability Assessment (SVA)

Has a security vulnerability assessment been conducted for this facility?

[Q:1.47-436]

☐ Yes

☐ No

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

If Yes, answer Security Vulnerability Assessment Fields

Security Vulnerability Assessment (SVA) methodology

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

Explain: Name of the methodology used for the most recent security vulnerability assessment.
[Q:1.48-438]

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

CCPS Equivalent Methodology

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

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

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



CSAT Top-Screen Questions

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

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

Go to SVA Date

SVA Other Methodology

Enter the Name of the SVA Methodology

SVA methodology [Q:1.482-653]

SVA Date

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

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

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

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

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

If facility is a chemical facility, go to [Release of Toxics](#) (page 16)

Refinery Capacity

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

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



CSAT Top-Screen Questions

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

**Maximum Design
Capacity (bpd)**
[Q:1.5-387]

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

**Crude % by
Ship/Barge** [Q:1.5-388]

Crude % by Pipeline
[Q:1.5-389]

Crude % by SPR
[Q:1.5-390]

Crude % by Rail
[Q:1.5-391]

Crude % by Truck
[Q:1.5-392]

Refinery Market Share

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

**Gasoline Market
Share** [Q:1.51-655]

Region

Diesel Market Share
[Q:1.51-657]

Region

**Jet Fuel/Kerosene
Market Share**
[Q:1.51-659]

Region

LPG Market Share
[Q:1.51-661]

Region

**Home Heating Oil
Market Share**
[Q:1.51-663]

Region

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

[Q:1.52-374]

☐ Yes☐ No*If "Yes", fill in Airport(s)***For each listed airport, enter the refinery's share (0% to 100%) of total deliveries of Aviation Gasoline (Avgas) and Jet Fuel/Kerosene to the airport.****Airport Name**

[Q:1.53-375]

% Share of Aviation Gasoline

[Q:1.53-376]

% Share of Jet Fuel/Kerosene

[Q:1.53-378]

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

[Q:1.54-380]

☐ Yes☐ No*If "Yes", fill in Installation(s) and Product(s)***Military Installation and Products****Military Installation**

[Q:1.55-381]

% Share of Gasoline

[Q:1.55-382]

% Share of Diesel

[Q:1.55-383]

% Share of Jet Fuel/Kerosene

[Q:1.55-384]



--	--	--	--

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

LNG Capacity

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

[Q:1.6-618]

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

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

[Q:1.6-619]

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

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

[Q:1.6-620]

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

LNG Exclusion Zone

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

[Q:1.92-667]

☐ Yes

☐ No

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

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



CSAT Top-Screen Questions

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

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

[Q:1.91-669]

Provide the distance (in feet) of the 5kW/m2 thermal radiation zone using the 49 CFR 193 siting requirements.

[Q:1.93-670]

Feet

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

[Q:1.93-671]

Feet

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



Release of Toxics

Toxic Chemicals of Concern

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

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

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

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

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

[Q:2.0-121]

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



CSAT Top-Screen Questions

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

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



CSAT Top-Screen Questions

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

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



CSAT Top-Screen Questions

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

Chemical Name	CAS#	Screening Threshold Quantity	Yes	No
Tetramethyllead [Plumbane, tetramethyl-]	75-74-1	7,500 lbs	☐	☐
Titanium tetrachloride [Titanium chloride (TiCl ₄) (T-4)-]	7550-45-0	2,000 lbs	☐	☐
Toluene 2,4-diisocyanate [Benzene, 2,4-diisocyanato-1-methyl-]	584-84-9	7,500 lbs	☐	☐
Toluene 2,6-diisocyanate [Benzene, 1,3-diisocyanato-2-methyl-]	91-08-7	7,500 lbs	☐	☐
Toluene diisocyanate (unspecified isomer) [Benzene, 1,3-diisocyanatomethyl-]	26471-62-5	7,500 lbs	☐	☐

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

[Q:2.0-631]

☐ Yes

☐ No

Toxic Chemicals Present On Site

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

[Q:2.1-122]

☐ Urban

☐ Rural

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

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

The total onsite quantity is the highest amount that is expected to be at your facility at any time in a 12-month period. **Round the quantity to two significant digits** (e.g., round 247500 pounds to 250000 pounds, and round 7625 pounds to 7600 pounds).

The Distance of Concern that should be reported is the downwind distance calculated using RMP*Comp for total onsite quantity of the regulated chemical, using additional process conditions for this chemical. Report all distances shorter than 0.1 mile as 0.1 mile, and all distances 25



CSAT Top-Screen Questions

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

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

Chemical Name	CAS#	Screening Threshold Quantity	Total Onsite Quantity (pounds) [Q:2.1-124]	Distance of Concern (miles) [Q:2.1-126]
Acrolein [2-Propenal]	107-02-8	3,750 lbs		
Allyl alcohol [2-Propen-1-ol]	107-18-6	11,250 lbs		
Ammonia (anhydrous)	7664-41-7	7,500 lbs		
Ammonia (conc. 20% or greater) relative density less than 0.880 at 15 degrees C in water, with more than 50 percent ammonia	7664-41-7	15,000 lbs		
Arsenous trichloride [Arsenic trichloride]	7784-34-1	11,250 lbs		
Arsine	7784-42-1	750 lbs		
Boron trichloride [Borane, trichloro]	10294-34-5	3,750 lbs		
Boron trifluoride [Borane, trifluoro]	7637-07-2	3,750 lbs		
Boron trifluoride compound with methyl ether (1:1) [Boron, trifluoro [oxybis (methane)]- ,T-4-]	353-42-4	11,250 lbs		
Bromine	7726-95-6	7,500 lbs		
Carbon disulfide	75-15-0	15,000 lbs		
Chlorine	7782-50-5	1,875 lbs		
Chlorine dioxide [Chlorine oxide, (ClO ₂)]	10049-04-4	2,000 lbs		
Chloroform [Methane, trichloro-]	67-66-3	15,000 lbs		
Chloromethyl ether [Methane, oxybis(chloro-)]	542-88-1	750 lbs		
Chloromethyl methyl ether [Methane, chloromethoxy-]	107-30-2	3,750 lbs		



CSAT Top-Screen Questions

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

Chemical Name	CAS#	Screening Threshold Quantity	Total Onsite Quantity (pounds) [Q:2.1-124]	Distance of Concern (miles) [Q:2.1-126]
Cyanogen chloride	506-77-4	7,500 lbs		
Cyclohexylamine [Cyclohexanamine]	108-91-8	11,250 lbs		
Diborane	19287-45-7	1,875 lbs		
Epichlorohydrin [Oxirane, (chloromethyl)-]	106-89-8	15,000 lbs		
Ethylenediamine [1,2-Ethanediamine]	107-15-3	15,000 lbs		
Fluorine	7782-41-4	750 lbs		
Formaldehyde (solution)	50-00-0	11,250 lbs		
Hydrochloric acid (conc. 37% or greater)	7647-01-0	11,250 lbs		
Hydrocyanic acid	74-90-8	1,875 lbs		
Hydrogen chloride (anhydrous) [Hydrochloric acid]	7647-01-0	3,750 lbs		
Hydrogen fluoride/Hydrofluoric acid (conc. 50% or greater) [Hydrofluoric acid]	7664-39-3	750 lbs		
Hydrogen sulfide	7783-06-4	7,500 lbs		
Isobutyronitrile [Propanenitrile, 2-methyl-]	78-82-0	15,000 lbs		
Isopropyl chloroformate [Carbonochloridic acid, 1- methylethyl ester]	108-23-6	11,250 lbs		
Methacrylonitrile [2-Propenenitrile, 2-methyl-]	126-98-7	7,500 lbs		
Methyl hydrazine [Hydrazine, methyl-]	60-34-4	11,250 lbs		
Methyl isocyanate [Methane, isocyanato-]	624-83-9	11,250 lbs		
Methyl thiocyanate [Thiocyanic acid, methyl ester]	556-64-9	15,000 lbs		



CSAT Top-Screen Questions

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

Chemical Name	CAS#	Screening Threshold Quantity	Total Onsite Quantity (pounds) [Q:2.1-124]	Distance of Concern (miles) [Q:2.1-126]
Nitric acid	7697-37-2	11,250 lbs		
Nitric oxide [Nitrogen oxide (NO)]	10102-43-9	7,500 lbs		
Oleum (Fuming Sulfuric acid) [Sulfuric acid, mixture with sulfur trioxide]	8014-95-7	7,500 lbs		
Perchloromethylmercaptan [Methanesulfenyl chloride trichloro-]	594-42-3	7,500 lbs		
Phosgene [Carbonic dichloride]	75-44-5	375 lbs		
Phosphorus oxychloride [Phosphoryl chloride]	10025-87-3	3,750 lbs		
Phosphorus trichloride [Phosphorous trichloride]	7719-12-2	11,250 lbs		
Propionitrile [Propanenitrile]	107-12-0	7,500 lbs		
Propyleneimine [Aziridine, 2-methyl-]	75-55-8	7,500 lbs		
Sulfur dioxide (anhydrous)	7446-09-5	3,750 lbs		
Sulfur tetrafluoride [Sulfur fluoride (SF ₄), (T-4)-]	7783-60-0	1,875 lbs		
Sulfur trioxide	7446-11-9	7,500 lbs		
Tetramethyllead [Plumbane, tetramethyl-]	75-74-1	7,500 lbs		
Titanium tetrachloride [Titanium chloride (TiCl ₄) (T-4)-]	7550-45-0	2,000 lbs		
Toluene 2,4-diisocyanate [Benzene, 2,4-diisocyanato-1- methyl-]	584-84-9	7,500 lbs		
Toluene 2,6-diisocyanate [Benzene, 1,3-diisocyanato-2- methyl-]	91-08-7	7,500 lbs		



CSAT Top-Screen Questions

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

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

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

The Area of Highest Quantity (AHQ) is defined as an onsite area, with a radius of 170 feet, where the greatest amount of the toxic chemical of concern is expected to be located at any time in a 12-month period. This amount may differ from the total onsite quantity. **Round the quantity to two significant digits** (e.g., round 247500 pounds to 250000 pounds, and round 7625 pounds to 7600 pounds).

Chemical Name	CAS#	Screening Threshold Quantity	Quantity in AHQ (pounds) [Q:2.2-2792]	Distance of Concern for AHQ (miles) [Q:2.2-2793]
Acrolein [2-Propenal]	107-02-8	3,750 lbs		
Allyl alcohol [2-Propen-1-ol]	107-18-6	11,250 lbs		
Ammonia (anhydrous)	7664-41-7	7,500 lbs		
Ammonia (conc. 20% or greater) relative density less than 0.880 at 15 degrees C in water, with more than 50 percent ammonia	7664-41-7	15,000 lbs		
Arsenous trichloride [Arsenic trichloride]	7784-34-1	11,250 lbs		
Arsine	7784-42-1	750 lbs		
Boron trichloride [Borane, trichloro]	10294-34-5	3,750 lbs		
Boron trifluoride [Borane, trifluoro]	7637-07-2	3,750 lbs		
Boron trifluoride compound with methyl ether (1:1) [Boron, trifluoro [oxybis (methane)]-,T-4-]	353-42-4	11,250 lbs		



CSAT Top-Screen Questions

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

Chemical Name	CAS#	Screening Threshold Quantity	Quantity in AHQ (pounds) [Q:2.2-2792]	Distance of Concern for AHQ (miles) [Q:2.2-2793]
Bromine	7726-95-6	7,500 lbs		
Carbon disulfide	75-15-0	15,000 lbs		
Chlorine	7782-50-5	1,875 lbs		
Chlorine dioxide [Chlorine oxide, (ClO ₂)]	10049-04-4	2,000 lbs		
Chloroform [Methane, trichloro-]	67-66-3	15,000 lbs		
Chloromethyl ether [Methane, oxybis(chloro-)]	542-88-1	750 lbs		
Chloromethyl methyl ether [Methane, chloromethoxy-]	107-30-2	3,750 lbs		
Cyanogen chloride	506-77-4	7,500 lbs		
Cyclohexylamine [Cyclohexanamine]	108-91-8	11,250 lbs		
Diborane	19287-45-7	1,875 lbs		
Epichlorohydrin [Oxirane, (chloromethyl)-]	106-89-8	15,000 lbs		
Ethylenediamine [1,2-Ethanediamine]	107-15-3	15,000 lbs		
Fluorine	7782-41-4	750 lbs		
Formaldehyde (solution)	50-00-0	11,250 lbs		
Hydrochloric acid (conc. 37% or greater)	7647-01-0	11,250 lbs		
Hydrocyanic acid	74-90-8	1,875 lbs		
Hydrogen chloride (anhydrous) [Hydrochloric acid]	7647-01-0	3,750 lbs		
Hydrogen fluoride/Hydrofluoric acid (conc. 50% or greater) [Hydrofluoric acid]	7664-39-3	750 lbs		
Hydrogen sulfide	7783-06-4	7,500 lbs		



CSAT Top-Screen Questions

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

Chemical Name	CAS#	Screening Threshold Quantity	Quantity in AHQ (pounds) [Q:2.2-2792]	Distance of Concern for AHQ (miles) [Q:2.2-2793]
Isobutyronitrile [Propanenitrile, 2-methyl-]	78-82-0	15,000 lbs		
Isopropyl chloroformate [Carbonochloridic acid, 1-methylethyl ester]	108-23-6	11,250 lbs		
Methacrylonitrile [2-Propenenitrile, 2-methyl-]	126-98-7	7,500 lbs		
Methyl hydrazine [Hydrazine, methyl-]	60-34-4	11,250 lbs		
Methyl isocyanate [Methane, isocyanato-]	624-83-9	11,250 lbs		
Methyl thiocyanate [Thiocyanic acid, methyl ester]	556-64-9	15,000 lbs		
Nitric acid	7697-37-2	11,250 lbs		
Nitric oxide [Nitrogen oxide (NO)]	10102-43-9	7,500 lbs		
Oleum (Fuming Sulfuric acid) [Sulfuric acid, mixture with sulfur trioxide]	8014-95-7	7,500 lbs		
Perchloromethylmercaptan [Methanesulfenyl chloride trichloro-]	594-42-3	7,500 lbs		
Phosgene [Carbonic dichloride]	75-44-5	375 lbs		
Phosphorus oxychloride [Phosphoryl chloride]	10025-87-3	3,750 lbs		
Phosphorus trichloride [Phosphorous trichloride]	7719-12-2	11,250 lbs		
Propionitrile [Propanenitrile]	107-12-0	7,500 lbs		
Propyleneimine [Aziridine, 2-methyl-]	75-55-8	7,500 lbs		
Sulfur dioxide (anhydrous)	7446-09-5	3,750 lbs		



CSAT Top-Screen Questions

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

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



Release of Flammables

Flammable Chemicals of Concern

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

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

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

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

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

[Q:3.0-129]

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



CSAT Top-Screen Questions

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

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



CSAT Top-Screen Questions

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

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



CSAT Top-Screen Questions

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

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



CSAT Top-Screen Questions

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

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



CSAT Top-Screen Questions

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

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

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

[Q:3.0-632]

☐ Yes

☐ No

Flammable Chemicals Present On Site

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

The total onsite quantity is the highest amount that is expected to be at your facility at any time in a 12-month period. The Area of Highest Quantity (AHQ) is defined as an onsite area, with a radius of 170 feet, where the greatest amount of the flammable chemical of concern is expected to be located at any time in a 12-month period. This amount may differ from the total onsite quantity. **Round both quantities to two significant digits** (e.g., round 247500 pounds to 250000 pounds, and round 7625 pounds to 7600 pounds).

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



CSAT Top-Screen Questions

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

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



CSAT Top-Screen Questions

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

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



CSAT Top-Screen Questions

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

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



CSAT Top-Screen Questions

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

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



CSAT Top-Screen Questions

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

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



Release of Explosives

Explosive Chemicals of Concern

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

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

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

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

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

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

[Q:4.0-154]

Chemical Name	CAS#	Screening Threshold Quantity	Yes	No
1H-Tetrazole	16681-77-9	2,000 lbs	☐	☐
5-Nitrobenzotriazol	2338-12-7	2,000 lbs	☐	☐
Ammonium nitrate	6484-52-2	2,000 lbs	☐	☐
Ammonium perchlorate	7790-98-9	2,000 lbs	☐	☐
Ammonium picrate	131-74-8	2,000 lbs	☐	☐
Barium azide	18810-58-7	2,000 lbs	☐	☐
Cyclotetramethylenetetranitramine	2691-41-0	2,000 lbs	☐	☐
Diazodinitrophenol	87-31-0	2,000 lbs	☐	☐
Diethyleneglycol dinitrate	693-21-0	2,000 lbs	☐	☐
Dinitroglycoluril	55510-04-8	2,000 lbs	☐	☐



CSAT Top-Screen Questions

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

Chemical Name	CAS#	Screening Threshold Quantity	Yes	No
Dinitrophenol	25550-58-7	2,000 lbs	☐	☐
Dinitroresorcinol	35860-51-6	2,000 lbs	☐	☐
Dipicryl sulfide	2217-06-3	2,000 lbs	☐	☐
Guanyl nitrosaminoguanylidene hydrazine		2,000 lbs	☐	☐
Guanyl nitrosaminoguanyltetrazene	109-27-3	2,000 lbs	☐	☐
Hexanitrodiphenylamine	35860-31-2	2,000 lbs	☐	☐
Hexanitrostilbene	20062-22-0	2,000 lbs	☐	☐
Hexolite	121-82-4	2,000 lbs	☐	☐
Hexotonal	107-15-3	2,000 lbs	☐	☐
Lead azide	13424-46-9	2,000 lbs	☐	☐
Lead styphnate	15245-44-0	2,000 lbs	☐	☐
Mannitol hexanitrate, wetted	15825-70-4	2,000 lbs	☐	☐
Mercury fulminate	628-86-4	2,000 lbs	☐	☐
Nitro urea	556-89-8	2,000 lbs	☐	☐
Nitrocellulose	9004-70-0	2,000 lbs	☐	☐
Nitroglycerine	55-63-0	2,000 lbs	☐	☐
Nitroguanidine	556-88-7	2,000 lbs	☐	☐
Nitrostarch	9056-38-6	2,000 lbs	☐	☐
Nitrotriazolone	932-64-9	2,000 lbs	☐	☐
Octolite	68610-51-5	2,000 lbs	☐	☐
Octonal	124-13-0	2,000 lbs	☐	☐
Pentaerythrite tetranitrate or PETN	78-11-5	2,000 lbs	☐	☐
Pentolite	8066-33-9	2,000 lbs	☐	☐
RDX and HMX mixtures	121-82-4	2,000 lbs	☐	☐
Tetranitroaniline	53014-37-2	2,000 lbs	☐	☐
Trinitroaniline	26952-42-1	2,000 lbs	☐	☐
Trinitroanisole	606-35-9	2,000 lbs	☐	☐



CSAT Top-Screen Questions

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

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

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

[Q:4.0-711]

☐ Yes

☐ No

Explosive Chemicals Present On Site

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

The total onsite quantity is the highest amount that is expected to be at your facility at any time in a 12-month period. The Area of Highest Quantity (AHQ) is defined as an onsite area, with a radius of 170 feet, where the greatest amount of the explosive chemical of concern is expected to be located at any time in a 12-month period. This amount may differ from the total onsite quantity. **Round both quantities to two significant digits** (e.g., round 247500 pounds to 250000 pounds, and round 7625 pounds to 7600 pounds).



CSAT Top-Screen Questions

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

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



CSAT Top-Screen Questions

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

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



CSAT Top-Screen Questions

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

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



Theft/Diversion of IEDP

Explosive/IED Precursor Chemicals of Concern

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

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

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

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

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

[Q:5.0-175]

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



CSAT Top-Screen Questions

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

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



CSAT Top-Screen Questions

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

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



CSAT Top-Screen Questions

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

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

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

[Q:5.0-714]

☐ Yes

☐ No

Explosive/IED Precursor Chemicals Storage

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

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



CSAT Top-Screen Questions

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

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

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

Chemical Name	CAS#	Screening Threshold Quantity	Man- portable [Q:5.1-233]	Bulk Transport [Q:5.1-234]	Bulk Storage [Q:5.1-235]
1H-Tetrazole	16681-77-9	2,000 lbs	☐	☐	☐
5-Nitrobenzotriazol	2338-12-7	2,000 lbs	☐	☐	☐
Acetone	67-64-1	2,000 lbs	☐	☐	☐
Ammonium nitrate (nitrogen concentration of 23% or greater)	6484-52-2	2,000 lbs	☐	☐	☐
Ammonium perchlorate	7790-98-9	2,000 lbs	☐	☐	☐
Ammonium picrate	131-74-8	2,000 lbs	☐	☐	☐
Barium azide	18810-58-7	2,000 lbs	☐	☐	☐
Cyclotetramethylenetetranitr amine	2691-41-0	2,000 lbs	☐	☐	☐
Diazodinitrophenol	87-31-0	2,000 lbs	☐	☐	☐
Diethyleneglycol dinitrate	693-21-0	2,000 lbs	☐	☐	☐
Dinitroglycoluril [Dingu]	55510-04-8	2,000 lbs	☐	☐	☐
Dinitrophenol	25550-58-7	2,000 lbs	☐	☐	☐
Dinitroresorcinol	35860-51-6	2,000 lbs	☐	☐	☐
Dinitrosobenzene	25550-55-4	2,000 lbs	☐	☐	☐
Dipicryl sulfide	2217-06-3	2,000 lbs	☐	☐	☐
Guanyl nitrosaminoguanilydene hydrazine		2,000 lbs	☐	☐	☐
Guanyl nitrosaminoguanyltetrazene [Tetrazene]	109-27-3	2,000 lbs	☐	☐	☐
Hexanitrodiphenylamine [Dipicrylamine [or] Hexyl]	35860-31-2	2,000 lbs	☐	☐	☐
Hexanitrostilbene	20062-22-0	2,000 lbs	☐	☐	☐



CSAT Top-Screen Questions

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

Chemical Name	CAS#	Screening Threshold Quantity	Man- portable [Q:5.1-233]	Bulk Transport [Q:5.1-234]	Bulk Storage [Q:5.1-235]
Hexolite [Hexotol]	121-82-4	2,000 lbs	☐	☐	☐
Hexotonal	107-15-3	2,000 lbs	☐	☐	☐
Hydrogen peroxide concentration of at least 30%	7722-84-1	2,000 lbs	☐	☐	☐
Lead azide	13424-46-9	2,000 lbs	☐	☐	☐
Lead styphnate [Lead trinitroresorcinate]	15245-44-0	2,000 lbs	☐	☐	☐
Mannitol hexanitrate, wetted [Nitromannite]	15825-70-4	2,000 lbs	☐	☐	☐
Mercury fulminate	628-86-4	2,000 lbs	☐	☐	☐
Nitric acid concentration of least 68%	7697-37-2	2,000 lbs	☐	☐	☐
Nitro urea	556-89-8	2,000 lbs	☐	☐	☐
Nitrocellulose [dry or wetted with <25% water (or alcohol), by mass]	9004-70-0	2,000 lbs	☐	☐	☐
Nitroglycerine [desensitized with not <40% non-volatile water insoluble phlegmatizer, by mass]	55-63-0	2,000 lbs	☐	☐	☐
Nitroguanidine [Picrite, dry or wetted with less than 20 percent water, by mass]	556-88-7	2,000 lbs	☐	☐	☐
Nitromethane	75-52-5	2,000 lbs	☐	☐	☐
Nitrostarch	9056-38-6	2,000 lbs	☐	☐	☐
Nitrotriazolone [NTO]	932-64-9	2,000 lbs	☐	☐	☐
Octolite [Octol]	68610-51-5	2,000 lbs	☐	☐	☐
Octonal	124-13-0	2,000 lbs	☐	☐	☐
Pentaerythrite tetranitrate or PETN	78-11-5	2,000 lbs	☐	☐	☐



CSAT Top-Screen Questions

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

Chemical Name	CAS#	Screening Threshold Quantity	Man- portable [Q:5.1-233]	Bulk Transport [Q:5.1-234]	Bulk Storage [Q:5.1-235]
Pentolite	8066-33-9	2,000 lbs	☐	☐	☐
Potassium chlorate	3811-04-9	2,000 lbs	☐	☐	☐
Potassium nitrate	7757-79-1	2,000 lbs	☐	☐	☐
Potassium perchlorate	7778-74-7	2,000 lbs	☐	☐	☐
RDX and HMX mixtures	121-82-4	2,000 lbs	☐	☐	☐
Sodium chlorate	7775-09-9	2,000 lbs	☐	☐	☐
Sodium dinitro-o-cresolate	25641-53-6	2,000 lbs	☐	☐	☐
Sodium nitrate	7631-99-4	2,000 lbs	☐	☐	☐
Sodium picramate	831-52-7	2,000 lbs	☐	☐	☐
Tetranitroaniline	53014-37-2	2,000 lbs	☐	☐	☐
Tetrazol-1-acetic acid	21732-17-2	2,000 lbs	☐	☐	☐
Trinitroaniline [Picramide]	26952-42-1	2,000 lbs	☐	☐	☐
Trinitroanisole	606-35-9	2,000 lbs	☐	☐	☐
Trinitrobenzene	99-35-4	2,000 lbs	☐	☐	☐
Trinitrobenzenesulfonic acid	2508-19-2	2,000 lbs	☐	☐	☐
Trinitrobenzoic acid	129-66-8	2,000 lbs	☐	☐	☐
Trinitrochlorobenzene [Picryl chloride]	88-88-0	2,000 lbs	☐	☐	☐
Trinitrofluorenone	129-79-3	2,000 lbs	☐	☐	☐
Trinitro-meta-cresol	602-99-3	2,000 lbs	☐	☐	☐
Trinitronaphthalene	558101-17-8	2,000 lbs	☐	☐	☐
Trinitrophenetole	4732-14-3	2,000 lbs	☐	☐	☐
Trinitrophenol [Picric acid]	88-89-1	2,000 lbs	☐	☐	☐
Trinitroresorcinol [Styphnic acid]	82-71-3	2,000 lbs	☐	☐	☐



CSAT Top-Screen Questions

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

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



Theft/Diversion of WME

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

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

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

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

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

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

[Q:6.0-251]

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



CSAT Top-Screen Questions

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

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



CSAT Top-Screen Questions

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

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

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

[Q:6.0-715]

☐ Yes

☐ No

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

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

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

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



CSAT Top-Screen Questions

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

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



CSAT Top-Screen Questions

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

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



Theft/Diversion of CW/CWP

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

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

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

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

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

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

[Q:7.0-257]

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



CSAT Top-Screen Questions

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

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



CSAT Top-Screen Questions

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

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



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

[Q:7.0-721]

☐ Yes

☐ No

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

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

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

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

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

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



CSAT Top-Screen Questions

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

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



CSAT Top-Screen Questions

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

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



CSAT Top-Screen Questions

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

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



Sabotage/Contamination Chemicals

Sabotage/Contamination Chemicals of Concern

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

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

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

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

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

[Q:8.1-722]

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



CSAT Top-Screen Questions

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

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



CSAT Top-Screen Questions

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

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



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

[Q:8.1-718]

☐ Yes

☐ No

Sabotage/Contamination Chemicals Storage

Check if the chemical is available in bulk transportation containers.

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

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



CSAT Top-Screen Questions

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

Chemical Name	CAS#	Screening Threshold Quantity	Bulk Transport [Q:8.2-720]
Chlorine dioxide	10049-04-4	2,000 lbs	☐
Chloroacetyl chloride	79-04-9	2,000 lbs	☐
Chlorosulfonic acid	7790-94-5	2,000 lbs	☐
Chromium oxychloride	7803-51-2	2,000 lbs	☐
Cyclohexyltrichlorosilane	98-12-4	2,000 lbs	☐
Diethyldichlorosilane	1719-53-5	2,000 lbs	☐
Dimethyldichlorosilane	75-78-5	2,000 lbs	☐
Diphenyldichlorosilane	80-10-4	2,000 lbs	☐
Dodecyltrichlorosilane	4484-72-4	2,000 lbs	☐
Ethyltrichlorosilane	115-21-9	2,000 lbs	☐
Fluorosulfonic acid	7789-21-1	2,000 lbs	☐
Hexyltrichlorosilane	928-89-2 6	2,000 lbs	☐
Iodine pentafluoride	7783-66-6	2,000 lbs	☐
Lithium amide	7782-89-0	2,000 lbs	☐
Lithium nitride	26134-62-3	2,000 lbs	☐
Magnesium aluminum phosphide		2,000 lbs	☐
Magnesium diamide	7803-54-5	2,000 lbs	☐
Magnesium phosphide	12057-74-8	2,000 lbs	☐
Methyldichlorosilane	75-54-7	2,000 lbs	☐
Methylphenyldichlorosilane	149-74-6	2,000 lbs	☐
Methyltrichlorosilane	75-79-6	2,000 lbs	☐
Nonyltrichlorosilane	5283-67-0	2,000 lbs	☐
Octadecyltrichlorosilane	112-04-9	2,000 lbs	☐
Octyltrichlorosilane	5283-66-9	2,000 lbs	☐
Phenyltrichlorosilane	98-13-5	2,000 lbs	☐
Phosphorus oxychloride	10025-87-3	2,000 lbs	☐
Phosphorus pentachloride	10026-13-8	2,000 lbs	☐



CSAT Top-Screen Questions

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

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



Mission Critical Chemicals

Mission Critical Production

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

[Q:9.0-692]

☐ Yes

☐ No

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

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

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

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

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



CSAT Top-Screen Questions

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

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

For each chemical, enter the appropriate information.

Chemical Name

[Q:9.1-693]

Enter the CAS# (if available).

CAS# [Q:9.3-852]

Is there another common name for this chemical?

[Q:9.3-733]

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

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

[Q:9.3-734]

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

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

[Q:9.3-737]



CSAT Top-Screen Questions

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

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

[Q:9.3-1131]

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

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

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

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

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

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

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

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

Capacity Utilization Rate [Q:9.5-762]

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

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

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

Emergency Production Rate [Q:9.5-763]

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



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

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

Annual Production [Q:9.5-764]

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

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

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

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

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

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

[Q:9.1-2772]

☐ **Yes**

Go to *Economically Critical Chemicals* (page 74)



Economically Critical Chemicals

Economically Critical Production

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

[Q:10.0-691]

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

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

[Q:10.0-771]

☐ Yes

☐ No

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

If answered "No", go to page 80

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

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



CSAT Top-Screen Questions

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

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



CSAT Top-Screen Questions

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

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

For each chemical, enter the appropriate information.

Chemical Name

[Q:10.1-772]

Enter the CAS# (if available).

CAS# [Q:9.3-852]

Is there another common name for this chemical?

[Q:10.2-872]

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

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

[Q:10.2-873]

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

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

[Q:10.3-793]

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



CSAT Top-Screen Questions

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

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

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

[Q:10.4-912]

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

[Q:10.5-794]

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

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

[Q:10.6-915]



CSAT Top-Screen Questions

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

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

Is there North American production? [Q:10.7-815]

☐

Yes

☐

No

Is there overseas production? [Q:10.7-816]

☐

Yes

☐

No

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

Is there North American production? [Q:10.7-812]

☐

Yes

☐

No

Is there overseas production? [Q:10.7-813]

☐

Yes

☐

No

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

Capacity Utilization Rate [Q:10.8-818]

☐

< 50%

☐

50% - 69%

☐

70% - 89%

☐

>= 90%

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

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

Emergency Production Rate [Q:10.8-820]

☐

< 50%

☐

50% - 69%

☐

70% - 89%

☐

>= 90%

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

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

[Q:10.8-821]

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

What is the estimated replacement cost of the production unit(s) for this chemical at this facility?**Replacement Cost(s) of Production Units** [Q:10.8-822]

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

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

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

[Q:10.1-2774]

- ☐ **Yes**



Finish

Submitter Copy

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

Preparer Copy

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

[Q:15.2-931]

- ☐ Yes
- ☐ No