

Emergency Planning and Community Right-to-Know



Facility Reporting Compliance Manual Ohio Revised Code Chapter 3750

State Emergency Response Commission epa.ohio.gov/serc

January 2025

This program may apply to your facility if it is subject to the OSHA hazard communication standard, and

- 1) Stores or uses a hazardous chemical in quantities of 10,000 pounds or more, or
- 2) Stores or uses one or more extremely hazardous substance in quantities of 500 pounds or less.

Electronic Reporting Preferred

The State Emergency Response Commission (SERC) incorporates a non-web-based reporting software tool to implement an electronic means of reporting in Ohio. Regulated facilities may elect to either submit electronically generated reports using the guidance stated below or may continue to report via the hard copy format as instructed within this compliance manual. The Ohio SERC continues to endorse the U.S. EPA Tier 2 Submit software program. The software can be downloaded directly by visiting <code>epa.gov/epcra/tier2-submit-software</code> or <code>epa.gov/epcra/tier2-submit-softw</code>

The SERC will rely on the U.S. EPA's webpage as the primary mechanism for distributing the reporting software and instructions to all users. Ohio EPA will not mass produce or distribute the software or instructions.

Facilities opting to file with Tier2 Submit may submit their March 1, 2025, report either on flash drive or preferred email attachment to both the SERC and the LEPC. The required site

Important!!!

DO NOT DELETE your RY 2024 Tier2 Submit after you are done. Save it in a file for next year. Next year you can export/import 2024 Tier2 Submit into the updated 2025 Tier2 Submit software.

The annual filing fee check is to be mailed separately, along with the invoice stub, to: Ohio EPA, P.O. Box 77005, Cleveland, OH 44194-7005.

Direct all Tier 2 submit software assistance and/or questions to the U.S. EPA RMP reporting center at 703.227.7650 or via email at *RMPRC@epacdx.net*.

map (PDF) can be uploaded within the Tier 2 Submit (see attachment tab). A certification letter must be attached to the mailing. A hard copy report generated off the electronic submission must be submitted to your local jurisdictional fire department.

IMPORTANT: Fee Payment Process

The Facility Annual Chemical Filing Fee Worksheet includes an invoice stub. To ensure proper application of your payment, if you did not receive a pre-printed worksheet, email **SERC@epa.ohio.gov** with subject INVOICE NEEDED or call 614.644.2260 to have an invoice generated and sent to you.

Please calculate your fee, write the total in the Amount Due area, and mail ONLY the detached invoice stub and check to the following address:

OHIO EPA P.O. BOX 77005 CLEVELAND, OH 44194-7005

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If you have any questions about these instructions or the forms included in this booklet, call 614.644.2260 or 1.888.644.2260 for more information. Please have this booklet where you can use it for reference.

Send: (Due March 1, 2025)

Option 1 — Paper Filing

- 1) Facility Identification Form
- 2) Facility Map
- Emergency and Hazardous Chemical Inventory Form

To:

State Emergency Response Commission

c/o Ohio EPA Lazarus Government Center 50 West Town St., Suite 700 P.O. Box 1049 Columbus, Ohio 43216-1049

Attn: SERC

Local Emergency Planning Committee Information Coordinator

Local Jurisdictional Fire Department

Option 2 — Tier 2 Submit Electronic Software

1) Send email with Tier 2 submit .zip or .t2s file or flash drive and the certification statement to:

State Emergency Response Commission

c/o Ohio EPA Attn: SERC Lazarus Government Center 50 West Town St., Suite 700 P.O. Box 1049 Columbus, Ohio 43216-1049 Email: **SERC@epa.ohio.gov**

Local Emergency Planning Committee Information Coordinator

2) Send a paper copy generated from the Tier 2 Submit software and site map to:

Local Jurisdictional Fire Department

Send filing fee plus detached invoice stub to: (Due no later than March 31, 2025)

Ohio Environmental Protection Agency

P.O. Box 77005 Cleveland, OH 44194-7005

Check Payable to: Treasurer, State of Ohio (Please include Receivable ID# on check)

Reporting Procedures

The Emergency Planning and Community Right-to-Know Act (EPCRA) was passed by Congress in 1986. EPCRA was included as Title III of the Superfund Amendments and Reauthorization Act (SARA) and is sometimes referred to as SARA Title III. EPCRA provides for the collection and availability of information regarding the use, storage, production, and release of hazardous chemicals to the public and emergency responders in your communities. The law promotes a working relationship among government at all levels, business and community leaders, environmental and other public interest organizations, and individual citizens to improve hazard communication and emergency planning.

In 1988, the Ohio General Assembly passed Substitute Senate Bill 367. This law, Chapter 3750, Emergency Planning of the Ohio Revised Code (ORC), provides for the implementation of EPCRA in Ohio. The administrative body for the implementation of Chapter 3750 is the SERC. SERC is made up of nine State agencies (Ohio Environmental Protection Agency (Ohio EPA); Department of Public Safety; Attorney General's Office (AGO); Department of Health; Department of Natural Resources; Department of Transportation; State Fire Marshal; State Highway Patrol; and Public Utilities Commission of Ohio (PUCO)). Additionally, SERC has 10 appointed members (environmental advocacy (2); industry trade association (2); firefighting industry (3); and local municipality (3).

SERC appoints members of the local emergency planning committees (LEPC) of each emergency planning district. In Ohio, each county has been designated as its own emergency planning district. LEPC members include representatives from each of the following groups or organizations: elected state and local officials; law enforcement personnel; emergency management personnel; firefighting personnel; first aid personnel; hospital personnel; health personnel; local environmental personnel; transportation personnel; broadcast and/or print media personnel; community groups; and owners and operators of subject facilities. SERC appoints LEPC members to two-year terms of office. These LEPCs use your inventory information to develop and exercise their local planning district's emergency response plans.

Why is reporting this information required?

Under state law, LEPCs must develop a local contingency plan to address responses to hazardous material incidents within their respective planning district. A portion of the plan is to identify and work with officials from facilities that use, store, produce, etc. hazardous substances within the planning district, to obtain key site-specific chemical inventory data including chemical name, volume, storage method, health hazards, etc.; and perform hazard analysis studies on facilities storing or using extremely hazardous substances. LEPCs must identify what chemicals are in use within their planning district, so that the pre-planning efforts and response coordination to hazardous material incidents can progress in an expedient fashion. Obtaining information and communicating with one another is a must for this program to work.

Secondly, the citizens in your community have a right-to-know regarding what chemicals are being utilized or stored at a regulated facility. Under this program, citizens may request access to inventory reports and emergency plans developed under this law. There are disclosure protections for trade secret chemical names and confidential locations.

Deadline and Required Information

Complete filing packages are due March 1 of each year for the previous inventory calendar year. Companies can file either in hard copy as in the past using the forms in this manual or by using U.S. EPA's Tier 2 Submit software.

A complete report includes: 1) the facility identification form; 2) emergency and hazardous chemical inventory form(s); 3) a facility map; and 4) filing fees for a calendar year. Report forms and map must be submitted on or before March 1, of the following year (i.e., the report for calendar year 2024 must be submitted on or before March 1, 2025). Filing fee is due no later than March 31, 2025. If your payment is postmarked after March 31, a 10% late filing fee is assessed.

What a Tier 2 Chemical Inventory Report Includes

If your facility needs to submit a report under ORC Section 3750.08 (SARA Title III, Community Right-to-Know), the following summarizes what forms should be included in your report and where the report is sent.

Option 1

Please send to: SERC, the county LEPC information coordinator, and the fire department copies of the forms in this package attached in this order:

- 1) Facility Identification Form (EPA 0316)
- 2) Emergency and Hazardous Chemical Inventory Forms (EPA 0317)
- 3) Facility Map

Option 2: PREFERRED METHOD

Facility reports using U.S. EPA's Tier 2 Submit software

	Send flash drive or email (recommended) .t2s or .zip file report as an attachment and certification
	letter to the SERC (SERC@epa.ohio.gov) and LEPC
	Send a paper copy generated from the Tier 2 submit software and site map to jurisdictional fire
	department
Send t	o Ohio EPA, P.O. Box 77005, Cleveland, OH 44194-7005:
	The invoice stub from the Facility Annual Filing Fee Worksheet (EPA 0320) $-$ bottom portion of the worksheet, detach at perforated line
	A check made payable to "Treasurer, State of Ohio" and attach to the invoice stub from the bottom of
	the Filing Fee Worksheet

General Instructions

Who must report?

The owner or operator of a facility must submit a report when all the following conditions are met:

- 1) Facility is subject to the OSHA hazard communication standard
- 2) Facility uses, produces, and/or stores a hazardous chemical and/or an extremely hazardous substance (EHS)
- 3) The quantity of one of these hazardous chemicals or extremely hazardous substances is more than the threshold quantity (TQ)

The TQ for hazardous chemicals is 10,000 pounds. If your facility stores or uses more than 10,000 pounds of any one hazardous chemical or mixture containing the TQ of a hazardous chemical at your facility, at any one point in time, on any one given day (24 hours), as defined by the OSHA hazard communication standard. Examples include, but are not limited to, gasoline, diesel fuel, 1,1,1-trichloroethane, paint, methyl ethyl ketone, etc.

The TQ for extremely hazardous substances is 500 pounds or the listed threshold planning quantity (TPQ), whichever is less. Examples include, but are not limited to, chlorine, ammonia, hydrofluoric acid, nitric acid, etc. The EHSs are listed at the end of this manual.

For gasoline (all grades combined) at a retail gas station, the threshold level is 75,000 gallons, if the tank was stored entirely underground and, during the preceding calendar year, always complied with all applicable underground storage tank (UST) requirements at 40 CFR part 280 or requirements of the state UST program approved by the agency under 40 CFR part 281.

For diesel fuel (all grades combined) at a retail gas station, the threshold level is 100,000 gallons, if the tank was stored entirely underground and, during the preceding calendar year, the tank always complied with all applicable underground storage tank (UST) requirements at 40 CFR part 280 or requirements of the state UST program approved by the agency under 40 CFR part 281.

Note: A retail gas station means a retail facility engaged in selling gasoline and/or diesel fuel principally to the public for motor vehicle use on land.

Did your facility bring a new EHS or hazardous chemical on-site?

Any facility that brings a listed EHS and/or a hazardous chemical on-site in a quantity at or above its threshold planning quantity must notify the SERC, LEPC, and jurisdictional fire department after they first receive a shipment. The intent is to notify the regulatory agencies that the facility is new to the reporting program or has a change in the current inventory at the facility.

When is the initial notification due?

The notification is due within 60 days of bringing an EHS on-site and 90 days of bringing a hazardous chemical onsite.

What must be reported?

The facility must provide either the safety data sheet for the substances or, on company letterhead, list the substance, hazards associated, and a contact name and telephone number.

What chemicals must be reported?

Under this program, an extremely hazardous substance (EHS) is one of 359 specifically listed chemicals. The list contains the name of the chemical, the Chemical Abstracts Service (CAS) number, and the TQ, reportable quantity (RQ), and TPQ. If a chemical does not appear on this list, it is not an EHS chemical. There are NO trade names on this list, only specific chemical names. The specific chemical names may appear in the list of active ingredients on the label of a trade-named product/material or are stated on the safety data sheet.

Hazardous chemicals cannot be found on any single list. The term hazardous chemical refers to any chemical, element, chemical compound, or mixture of elements and/or compounds with hazardous characteristics. Rather than developing a complete list of hazardous chemicals, the law defines a list of 24 hazardous characteristics categorized as either physical hazards or health hazards. If a chemical exhibits one or more of these characteristics, it is a hazardous chemical under this program. Similarly, if a formulation of several chemicals exhibits one or more of these characteristics, the formulation is a hazardous chemical.

If you have any chemicals covered by the OSHA hazard communications standard, those chemicals are also regulated under ORC Sections 3750.07 and 3750.08 and SARA Title III.

Health hazard means a chemical for which there is statistically significant evidence, based on at least one study conducted in accordance with established scientific principles that acute or chronic health effects may occur in exposed employees. The term health hazard includes chemicals that exhibit carcinogenicity, acute toxicity by any route of exposure, reproductive toxicity, skin corrosion or irritation, respiratory or skin sensitization, serious eye damage or irritation, specific organ toxicity (from single or repeated exposure), risk of aspiration or asphyxiation, germ cell mutagenicity, and any hazards not otherwise classified (HNOC).

Physical hazard means a chemical for which there is scientifically valid evidence that it is flammable (as a solid, liquid, gas, or aerosol), a gas under pressure, explosive, self-heating, a pyrophoric (as a solid, liquid, or gas), an oxidizer (as a solid, liquid, or gas), an organic peroxide, self-reactive, emits flammable gas when in contact with water, combustible with dust, corrosive to metal, or presents any hazards not otherwise classified (HNOC).

Per the final rule published by the Occupational Safety and Health Administration (OSHA) on March 26, 2012, the hazard communication standard (HCS) was revised due to the adoption of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

GHS is a standardized approach for classifying chemicals by their health, physical and environmental effects, and communicates this information to downstream users by using consistent signal words, pictograms, hazard statements, etc., on labels and SDSs.

OSHA adopted the classification criteria and provisions that are appropriate to its existing standards for hazard communication for labeling and SDSs. Under the revised HCS, chemical manufacturers and importers are required to evaluate their chemicals to ensure that they are classified and labeled appropriately.

Contact the manufacturer and/or supplier if you have old SDS.

Hazard Category Comparison for Reporting Under Sections 311 and 312

Physical Hazard	Health Hazard
Combustible Dust	Acute toxicity (by any route of exposure)
Corrosive to metal	Aspiration Hazard
Explosive	Carcinogenicity
Flammable (solids, liquids, gases, or aerosols)	Germ cell mutagenicity
Gas under pressure	Respiratory or Skin Sensitization
In contact with water emits flammable gas	Serious eye damage or eye irritation
Oxidizer (solid, liquid, or gas)	Simple Asphyxiant
Organic peroxide	Reproductive toxicity
Pyrophoric (solid or liquid)	Skin Corrosion or Irritation
Pyrophoric Gas	Specific target organ toxicity (single or repeated exposure)
Self-heating	Hazard Not Otherwise Classified (HNOC)
Self-reactive	
Hazard Not Otherwise Classified (HNOC)	

How OSHA specifically defines the physical and health hazards can be found at:

- ecfr.gov/current/title-29/subtitle-B/chapter-XVII/part-1910/subpart-Z/section-1910.1200
- osha.gov/laws-regs/regulations/standardnumber/1910/1910.1200AppA
- osha.gov/laws-regs/regulations/standardnumber/1910/1910.1200AppB

Exemptions

Note: Exemptions do not apply to extremely hazardous substances notification under ORC 3750.05 and/or release reporting under ORC 3750.06.

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

Calculation of Quantity in Storage

Step 1 — In order to determine if you have a TQ (the amount that triggers inventory reporting) of a hazardous chemical or extremely hazardous substance you must first inventory your chemicals. If you comply with the OSHA hazard communication standard, you already have your safety data sheets (SDS) gathered and know what chemicals you have. If you have not done this, you need to collect this information.

Step 2 — Now you need to determine how much (volume in pounds) of the hazardous chemical or extremely hazardous substance your facility has on site. One of the easier ways to do this is to make a spreadsheet by listing all the trade names or pure chemicals you stored down one side of the page with the maximum amount of that substance in storage next to it. Then across the page start listing the ingredients (components) and the percentage in the material. If the ingredient appears as a range, use the highest percentage shown.

When two or more trade names or mixtures contain the same ingredient, list the amount of the ingredient (components) in the same column to facilitate adding the quantities together. When your inventory is done, figure the ingredient weight in pounds and add the columns to give the total weight of each *individual* ingredient.

NOTE: *Any* hazardous ingredient present in amounts of 1% or more in a mixture or compound must be listed. If the ingredient is a carcinogen (which should be listed on an updated SDS and labeled as a carcinogen), you must list the chemical if it is present more than 0.1%. It does not matter if a hazardous ingredient is listed as active or inert; it must be included in your calculations. Hazardous inert ingredients include, as examples: flammable or toxic solvents as a carrier, compressed gas as a propellant, or contaminants. If you have knowledge of an ingredient in the product which is hazardous but is not listed on the SDS, you are responsible for getting the weight percent of that ingredient from the manufacturer or supplier.

Reporting Components or Mixtures

Calculate all amounts as weight in pounds. To convert gas or liquid volume to weight in pounds, multiply the volume amount by the appropriate density factor.

If a hazardous chemical is part of a mixture, you have the option of reporting the entire mixture or only the portion of the mixture that is a particular hazardous chemical (e.g., if a hazardous solution weighs 100 lbs. but is composed of only 5% of a particular hazardous chemical, you can indicate either 100 lbs. of the mixture *or* 5 lbs. of the chemical).

Because EHSs are important to emergency planning requirement under EPCRA section 303, EHSs have lower reporting thresholds under EPCRA section 312. The amount of an EHS at a facility (both pure EHSs and EHSs in mixtures) must be aggregated for purposes of threshold determination. It is suggested that the aggregation calculation be done as a first step in determining whether reporting threshold has been met or exceeded. Once you determine whether a threshold for an EHS has been reached, you may report the mixture or product name. You must also report any EHSs present in the mixture. You do not need to report any non-EHSs in the mixture but may if you wish to do so.

Although you have an option to report either the mixture or the EHS, as provided in 40 CFR 370.14, you must be consistent with your EPCRA section 311 reporting. For any mixture containing an EHS that the facility is reporting as a mixture, the facility must check the box "yes" to indicate that the mixture contains an above-threshold EHS. You must also write the name of the EHS contained in the mixture on the line provided.

You are not required to list any non-EHSs in the mixture. This is optional.

Section 3750.08 of the ORC requires reporting of volume and location inventory information. This report is due annually on March 1, following the calendar year in which the chemicals were stored.

Sample copies of completed forms are included with these instructions. Information should be typed or printed clearly. Please make copies of the blank forms before you fill in the information.

Instructions for Completing Specific Sections of the Report

Facility Identification Form (EPA 0316)

You must complete all sections of this report and submit them by the March 1 reporting deadline.

The facility identification form identifies your facility and provides information required by SARA Title III, Section 303(d). Please be sure to send a copy of this form with any report you are submitting for Sections 3750.07 and 3750.08 of the Ohio Revised Code or any updates of these reports. This facility identification form must be submitted even if you are using federal reporting forms, as it contains information required by Chapter 3750 of the ORC.

County: Fill in the name of the county in which the facility is located. If the facility is in more than one county list both counties. List the county which contains the largest portion of the facility first.

Filing Status Box Instructions (upper right-hand corner)

Please check, as applicable

EHS reported — check if facility is reporting one or more extremely hazardous substances
Facility name change
First time filer —check if facility is reporting for the first-time (i.e., submitting facility identification
form; emergency and hazardous chemical inventory report; site map; and filing fee)
Negative — check if facility is reporting a chemical inventory voluntarily, with inventory less than the
threshold quantities

Reporting Period

Enter the appropriate calendar year, beginning January 1 and ending December 31.

Identical Information

Check the box located at the top of page one of the forms, if the information being reported is identical to that submitted last year.

Facility Identification

Enter the complete name and address of the location of your facility where the hazardous chemicals
are stored. Enter the full street address or state/county road, city, state, and zip code. Provide county
in which the facility is located.
Provide the latitude and longitude for the location of your facility.
Indicate if the facility is manned or unmanned. Estimate the maximum number of occupants that may

- be present at any one time at your facility. You should include contractors, vendors and people that may be present for any training or other events as well as employees. If the location is not always manned, check the box marked *N/A*.

 □ Enter the primary North American Industry Classification System (NAICS) code and the Dun &
- ☐ Enter the primary North American Industry Classification System (NAICS) code and the Dun & Bradstreet number of your facility. The financial officer of your facility should be able to provide the Dun & Bradstreet number.

Subject to Emergency Planning

Indicate if your facility is subject to the emergency planning notification requirement under EPCRA section 302, codified in 40 CFR part 355.

Subject to Chemical Accident Prevention

Indicate if your facility is subject to chemical accident prevention provisions under section 112(r) of the Clean Air Act, also known as the risk management program (RMP), codified in 40 CPR part 68.

Identification Number under TRI and RMP

If your facility is subject to the toxic release inventory (TRI) program under section 313 of EPCRA, provide the identification number assigned by U.S. EPA. If your facility is not subject to this reporting requirement, or if your facility has not been assigned a number under this program, check the box marked *N/A*. If your facility is subject to the chemical accident prevention provisions codified in 40 CFR part 68, also known as the risk management program, provide the facility identification number assigned by U.S. EPA. If your facility is not subject to this provision, or if your facility has not been assigned a number, check the box marked *N/A*.

Owner/Operator

Enter the owner or operator's full name, mailing address, and phone number. Provide the email address of the owner or operator of the facility.

Parent Company

Enter the name, mailing address, phone number, email address, and Dun & Bradstreet number of the parent company. *Note: These are optional data elements.*

Facility Emergency Coordinator

If applicable, enter the name, title, email address, phone number, and 24-hour phone number of the facility emergency coordinator. Note: both federal and state law requires facilities subject to the emergency planning notification requirement to designate a facility representative who will participate in the local emergency planning process as a facility emergency coordinator. It is recommended that facilities not subject to the emergency planning notification requirement also to provide this information, if available, for effective emergency planning in your community.

Tier 2 Information Contact

Enter the name, title, email address, and phone number of the person knowledgeable of the information contained in the Tier 2 inventory form.

Emergency Contact

Enter the name, title, phone number, and email address of at least one local person or office that can act as a referral if emergency responders need assistance when responding to a chemical accident at the facility. If there is more than one person assigned to this duty, provide the same information for that person. Provide an emergency phone number where such emergency information will be available 24 hours a day, every day.

Certification (Required Annually)

The owner or operator or the officially designated representative of the owner or operator must certify that all information included in the Tier 2 submission is true, accurate, and complete. On the first page of the Tier 2 report, enter your full name and official title. Sign your name and enter the current date. Also, enter the total number of pages. An original signature is required on at least the first page of the submission. Subsequent pages must contain either an original signature, a photocopy of the original signature, or a signature stamp. Each report submitted to the SERC must contain an original signature on this form.

Maps which indicate the storage locations of chemicals at your facility are required. The map helps fire departments and the LEPC prepare for any unexpected event at your business. Your map should show any fixed storage tanks and other permanent storage rooms or locations which you inventoried while calculating the TQs of your reportable chemicals. Copies of the map must accompany the chemical inventory reports sent to the fire department, LEPC, and SERC.

A. How to Draw the Map

Show the outline of any storage structure, buildings, and interior walls, building openings, major fixed equipment, and other outdoor use and storage locations. Room dimensions, tank diameters, or other use and storage locations should be no smaller than 1/4-inch for visibility and clarity. Lettered labels (see part B of this section) of at least 12-point font are recommended. If this results in large maps, they need to be folded into an 8-1/2 by 11-inch package. Please include the locations of drive-thru gates, bordering streets, or access roads. Indicate surrounding land use (residential, farmland, industrial, etc.), and the location of the fire lock box, if applicable.

North (directional marking) should be shown on all maps, and each map should be labeled with the facility name and street address. The scale of the map should be shown near the address (the number of feet represented by an inch on the map). For buildings with more than one floor, draw the upper floors or basement to the same scale as the first-floor map and label the drawings to show buildings and floor. Remember to show the locations of permanent inside storage tanks and vats. Instructions for labeling the map to match the inventory form are given below.

B. How to Label the Map

Information which should appear on all maps submitted as part of your facility annual inventory report is listed below:

Name and address of the facility
North arrow
Scale indication
Surrounding land use
Date and signature

- 1) Identify each building with the letter B and a number or letters as you have them marked at your facility (limit of four numbers or letters after the B). Example: B-123 or BMAIN.
- 2) Identify each outside storage tank, including both above ground and below ground tanks, with the letter T and a number or letters (limit four characters). A tank, as used in this section, is a totally enclosed container.
- 3) Identify each inside storage tank with the letter C and a number or letters. Any permanent open-top container which stores chemical prior to or between uses is a vat. Identify each vat with the letter V and a number or letters. Do not repeat numbers of tanks already used above.
- 4) Identify each outside storage area where hazardous chemicals are present, with the letter A and a number or letters. A dike may be identified as an area if all the tanks within it contain the same chemical. If you have chemicals which are in portable containers that are not stored in a permanent place outside, label all the places they may be found as a single large area on the map. You need not mark individual portable containers on the map.

Please note: If buildings, outside, and inside storage tanks and outside storage areas already have preassigned letters or numbers, you may use those letters or numbers if you use the appropriate prefix letters: (A) areas, (B) buildings, (C) inside tanks, (T) outside tanks, and (V) vats. Do not duplicate assignment of tank numbers. For example: Two tanks labeled as 01 is not acceptable, i.e., outside and inside tanks T01 and C01 is not acceptable. However, T01a and C01b would be acceptable.

- 5) If a room or portion of a room in a building is used as a warehouse where chemicals may be moved frequently to accommodate storage incidental to shipping, indicate the room or portion of the room as a warehouse on the map. If it is part of a larger room highlight the area used with dashed lines.
- 6) Identify each room in which hazardous chemicals are stored in a building with letters or numbers using either existing room numbers or beginning with A, B, C, or 1, 2, 3 etc. You may use up to four characters to identify each room. It is not necessary to label offices, restrooms, or other rooms which are not used for chemical storage. Every building has at least one room. Please label that room and any others on the drawing which contain chemicals that you are reporting.
- 7) Supply any other structural or safety information which the fire department or LEPC may ask for as part of the pre-planning process.
- 8) Your map is to include all the above information found in Sections A and B must be submitted to the SERC, LEPC, and the fire department, unless otherwise negotiated and agreed to by the LEPC or the fire department having jurisdiction over the facility. A letter signed by the fire department or LEPC representative must be attached to the map stating that they have agreed to the attached map. Information requested under (7) must be supplied not withstanding any agreement entered under (8).

Emergency and Hazardous Chemical Inventory Form (EPA 0317)

The emergency and hazardous chemical inventory form (EPA 0317) contains information about chemicals present at your facility. This information allows the LEPC and the fire department to make community contingency plans in case a chemical emergency should occur at the facility. It is important that someone who is familiar with the facility complete this form.

Facilities that prefer to use the federal 312 (Tier 2) report form for the chemical inventory and location reporting under Sec. 3750.02 (B)(1)(e) of the ORC may copy those forms *epa.gov/epcra/tier-ii-forms-and-instructions*.

If you have any questions about the federal forms, call U.S. EPA's helpline at 1.800.424.9346 or visit *epa.gov/epcra*.

Description, Hazards, Amounts and Locations

The main section of the Tier 2 form requires specific information on amounts and locations of hazardous chemicals, as defined in the OSHA hazard communication standard. Separate fields are provided for reporting both pure chemicals and mixtures. Chemical descriptions, hazards, amounts, and locations must be provided even if the information is identical to that submitted last year.

What units should I use?

Calculate all amounts as weight in pounds. To convert gas or liquid volume to weight in pounds, multiply by an appropriate density factor.

Identification and Status

Number your emergency and hazardous chemical inventory form pages in the upper right-hand corner starting with page 1. If you are only submitting one page, it is page 1 of 1.

Facility Identification

Enter the facility name and location in this space exactly as you entered it on the facility identification form (2.1).

Filing Date

Enter the filing date for which this report is being prepared. Note that this is not necessarily the same date as the preparation or mailing date. Unless you are filing for other than the previous calendar year, the date will be March 1 of the current year.

Confidential Location

If you wish the location of hazardous chemicals on this page to be considered as confidential business information, then you must check the box marked storage location and facility map are confidential *and* print in block capital letters CONFIDENTIAL FORM in the space provided. If this space is not filled, information on this page of the form will be filed with the pages available for public inspection. The SERC will not be responsible for confidential location information if this procedure is not followed.

Revision

Check the box if this is a revision to a previously submitted Section 3750.07 or 3750.08 reports (311/312). You must update inventory data on file within 90 days of adding a hazardous chemical to your inventory.

Map Attachments

Check this space if you wish your map or maps to be confidential information.

Chemical Inventory and Location

If you had any hazardous chemical that OSHA requires an SDS present at your facility at any time in the previous calendar year, at or above the threshold quantity (500 pounds or the TPQ if it is less for an EHS, or 10,000 pounds for any other hazardous chemical) you are subject to chemical inventory reporting. Please follow these instructions carefully.

Pure Chemical

Ч	Provide the chemical name (or common name of the chemical) as provided on the SDS.
	Enter the CAS registry number.
	Indicate if the chemical is an EHS.
	Check box for ALL applicable descriptors: solid, liquid, or gas.
	ade secret regulations can be found in 40 CFR part 350. You may also visit U.S. EPA's website at a.gov/epcra/epcra-trade-secret-forms-and-instructions.

Mixture

Provide the name of the mixture, product name or trade name as provided on the MDS.
Enter the CAS number of the mixture, if available.
Check box for ALL applicable descriptors: solid, liquid, or gas.
If the mixture contains any EHS, check the box yes, and then enter the name and CAS number of
each EHS in the mixture.

Ц	You are not required to list non-EHSs in the mixture but may report if you wish to do so.
	If you are withholding the name of a chemical or mixture in accordance with criteria specified in
	EPCRA trade secret claims, enter the generic class or category that is structurally descriptive of the
	chemical (e.g., list toluene diisocyanate as organic isocyanate) and check the box marked trade
	secret. Trade secret information should be submitted to U.S. EPA and must include a substantiation
	packet.

Physical and Health Hazards

For each chemical you have listed, check all the physical and health hazard categories that apply. These hazard categories are defined in 40 CFR 370.66. The physical and health hazard classification are a consolidation of the 24 categories defined in the OSHA hazard communication standard, 29 CFR 1910.1200. Refer to the *Hazard Category Comparison for Reporting Under Sections 311 and 312 table*.

Maximum Amount

For each hazardous chemical or mixture, estimate the maximum amount present at your facility on
any single day during the reporting period. If you are reporting a mixture, you must list any EHS
present in the mixture and report the maximum amount and the CAS number of each EHS present
in the mixture.

- ☐ Find the appropriate range value code in Table I.
- ☐ Enter this range value as the maximum amount.

Average Daily Amount

- ☐ For each hazardous chemical, estimate the average weight in pounds that was present at your facility during the year. To do this, total all daily weights and divide by the number of days the chemical was present on the site.
- ☐ Find the appropriate range value in Table I.
- ☐ Enter this range value as the average daily amount.

Number of Days On-Site

Enter the number of days that the hazardous chemical was present on-site.

Storage Types, Conditions, and Locations

List all non-confidential locations of hazardous chemicals along with storage types and conditions associated with each location. Please note that a chemical may be in several places around the facility.

Range Code Weight Range in Pounds From То 01 0 99 100 02 499 500 999 03 1,000 04 4,999 5,000 9,999 05 10,000 06 24,999 07 25,000 49,999 08 50,000 74,999 09 75,000 99,999 499,9999 10 100,000 11 500,000 999,9999 12 1,000,000 9,999,999 13 10,000,000 Greater than 10 million

Table I - Reporting Ranges

Enter the types and conditions of storage for each chemical that you are reporting.

- ☐ Table II this table lists examples of some of the common storage types that facilities use at their site. You may provide a detailed description for the storage type at your facility.
- \Box Table III for each location, find the appropriate storage types for pressure and temperature conditions. You may provide a description for the various conditions at your facility.

Table II - Storage Types		Table III - Pressure and Temperature Conditions
 Above-ground tank Below-ground tank Tank inside building Steel drum Plastic or non-metallic drum Can Carboy Silo Fiber drum 	 Bag Box Cylinder Glass bottles or jugs Plastic bottles or jugs Tote bin Tank wagon Rail car Battery 	PRESSURE

Storage Locations

If the location information is confidential, indicate by checking the Yes box. You must fill out the confidential location information sheet and submit that along with your Tier 2 inventory form to your SERC, LEPC, and the local fire department. If the location is non-confidential, provide a brief description of the precise location of the chemical, so that emergency responders can locate the area easily. You may find it advantageous to provide the optional site plan or site coordinates as explained below. For each chemical, indicate at a minimum the building or lot. Additionally, where practical, the room or area may be indicated. You may respond in narrative form with appropriate site coordinates or abbreviations. If the chemical is present in more than one building, lot, or area location, list each location as appropriate.

Confidential Information

- ☐ Under EPCRA Section 324, you may elect to withhold location information on a specific chemical from disclosure to the public. If you choose to do so, check the Yes box.
- On a separate Tier 2 confidential location information sheet, enter the name and CAS number of each chemical for which you are keeping the location confidential.
- ☐ Enter the appropriate location and storage information, as described above for non-confidential locations.
- ☐ Attach the Tier 2 confidential location information sheet to the Tier 2 form. This separates confidential locations from other information that will be disclosed to the public.

Additional Reporting Information (Optional)

This column is for facilities that may wish to report hazardous chemicals below the reporting thresholds and/or to report any additional state or local requirements. Check the appropriate box and follow the same procedures as described above for reporting each hazardous chemical or for any mixture that contains a hazardous chemical.

Certification

This must be completed by the owner or operator, or the officially designated representative of the owner or operator. Type or print your full name and official title on each page of this form and enter the current date. Each inventory form page must contain an original signature.

Filing Fee Calculation Form

The owner or operator of a facility required to annually file a report under Section 3750.08 of the Revised Code shall submit a facility annual chemical inventory filing fee worksheet (EPA 0320) and a filing fee for each facility reporting. To calculate the correct fee, count all the *different* chemicals on your chemical inventory form. If you have listed the same chemical more than once at a single facility because of storage type or location, do not count it a second time—it is still only one chemical for filing fee calculations only.

The facility annual chemical inventory filing fee worksheet will assist your facility in calculating, step by step, your filing fee. Complete the worksheet to determine the required filing fee amount. The fee schedule is:

- Inventory Form Filing Fee (Base) \$150
- Inventory Form Filing Fee (Additional) \$20 per hazardous substance reported
- Inventory Form Filing Fee (Additional) \$150 per extremely hazardous substance reported
- Facility fee cap, not to exceed \$2,500
- Late fees received after March 31, shall be subject to 10% late fee charge

IMPORTANT: If you did not receive a pre-printed worksheet(s) for your reporting facility or facilities, email *SERC@epa.ohio.gov* with subject INVOICE NEEDED or call 614.644.2260 so an invoice(s) with the proper account information can be generated and sent to you. Please provide facility name(s) and address(es). Please follow the fee worksheet instructions carefully when calculating your fee. If you have any questions, please call 614.644.2260 or 1.888.644.2260.

Release Reporting of a Hazardous Substance

The State Emergency Response Commission (SERC) operates under a set of eight release reporting rules (3750-25-01; 3750-25-05; 3750-25-10; 3750-25-12; 3750-25-13; 3750-25-15; 3750-25-20; and 3750-25-25). The purpose of this section is to make you aware of your reporting obligations in case of a discharge or release.

All verbal notifications made under these rules are to be reported to the Ohio EPA's emergency response section, local emergency planning district which may be affected, and the jurisdictional fire department.

An owner or operator is required to report a release or discharge under ORC 3750.06 anytime there is a release or spill of a regulated chemical which exceeds its assigned reportable quantity (RQ) and leaves the facility property line. The regulated substances subject to the release reporting requirements are referenced below.

Materials Subject to Release Reporting

- Extremely Hazardous Substances 40 CFR; Part 355; Appendices A and B
- CERCLA Hazardous Substances 40 CFR Part 302; Table 302.4
- Oil (definition includes without limitation to, gasoline, petroleum, fuel oil, sludge, oil refuse, and oil mixed with wastes other than dredged spoil)
- The RQ for the discharge of oil including crude oil into or upon navigable waters is an amount which causes a visible film or sheen upon the surface of the water
- The RQ for the release of oil into the environment, excluding navigable waters, is an amount of 25 gallons or more
- The RQ for the release of crude oil from an oil and gas extraction storage facility into the environment, excluding navigable waters, is 210 gallons

Verbal Notification Requirement

The verbal notification to the fire department, LEPC, and Ohio EPA must be made within 30 minutes of knowledge of the release, unless notification within that timeframe is impractical due to uncertain circumstances.

Oil and gas regulated sites under ORC Chapter 1509 must notify the Ohio Department of Natural Resources (ODNR) at 1.844.OHCALL1, county LEPC, and jurisdictional fire department verbally within 30 minutes of knowledge of the release.

Be prepared to relay as much of the following information as is known or can be estimated at the time of reporting. Please remember this is an initial report and estimates can be corrected in your follow-up emergency notice report.

The release notification for 24-hour reporting of spills in the State of Ohio is:

1-800-282-9378 OR 614.224.0946 Oil and Gas release notification 1-844-OHCALL1

In addition, facility must call:

- LEPC emergency coordinator
- Jurisdictional fire department

For those reportable quantity releases involving CERCLA hazardous substances or oil to navigable waters, calls must be made to the National Response Center (NRC) as soon as possible. The National Response Center (NRC) 24-hour number is 1.800.424.8802.

□ Name and phone number of the person to contact for more information □ Location and source of the release or discharge □ Chemical name or identity of any substance involved in the release or discharge □ Is the substance an extremely hazardous substance? □ Estimate of the quantity (gallons or pounds) discharged into the environment □ Time and duration of the release or discharge □ The environmental medium or media into which the substance was released or discharged □ Potential health effects associated with the release or discharge of the substance □ Report precautions taken, including evacuation, remediation, or other proposed response actions This information is required under ORC Section 3750.06(C) and Rule 3750-25-25(A)(1) of the Ohio Administrative Code (OAC).
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Written Follow-up Requirements After the spill, release, or discharge, a written follow-up emergency notice must be submitted within 30 day to the Ohio EPA emergency response section and the LEPC of the planning district in which the release or discharge occurred. The report is sent only to the SERC if the release was from a vessel.
This follow-up emergency notice is your company's opportunity to explain, in its own words, the circumstances and actions relating to the release of pollutants to the environment. Your written emergency notice should follow the question sequence as indicated below. If any of the questions are not applicable to your incident, indicate N/A (not applicable) for that item.
Oil and gas regulated sites under ORC Chapter 1509 must submit the written follow-up report within 30 days to the chief of ODNR's Division of Oil and Gas Resources and the LEPC.
1. Who
 Complete facility name, address, and telephone number of the facility from which the release occurred. Complete name of owner and/or operator.
2. When
 □ Actual time, date, and duration of the discharge or release. □ Actual time and date the release or discharge was discovered. □ Actions taken to respond to and contain the release or discharge. □ Indicate the spill number assigned by Ohio EPA. If you do not know this number, call 614.644.3194 to speak to a duty officer during business hours. Please provide the assigned case number if the National Response Center was notified.
3. Location

3.

ч	Location of the facility from which the release of discharge occurred.
	Location of the release: county, township, and city.

☐ Longitude and latitude of the release, if known.

☐ Distance and direction from nearest intersection or milepost if it was a transportation-related release or discharge.

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- $\hfill \Box$ Common and/or technical name of the material released or discharged and CAS numbers.
- ☐ What was the quantity and duration of the discharge? Indicate volume in gallons or pounds.

5. Environmental Impact

- □ Name of the environmental medium or media affected (e.g. navigable waters, land, and/or air). If navigable waters, please identify.
- ☐ What was the length of area of the navigable waterway affected?
- ☐ What was the ground surface area (square feet or yards) and depth of soil contamination?
- ☐ To the extent information is available, identify damage to wildlife and/or vegetation.
- ☐ To the extent information is available, identify impact to human health and safety (e.g. evacuations, exposure, etc.)
- ☐ Where appropriate, identify medical advice provided for exposed individuals and/or local medical personnel.

6. Monitoring and Detection

- ☐ If the release or discharge was monitored, indicate the method of detection and concentrations detected.
- ☐ If the release was airborne, how were the wind direction and speed determined?
- ☐ Was the public warned, and if so, how?

7. Mitigation, Containment Action

- ☐ How much product or waste was recovered or neutralized?
- ☐ How was the material recovered or neutralized?
- ☐ Were any other actions taken to reduce the impact of the discharge (containment, adsorbents, on-site treatment, etc.)?

8. Prevention Measures

☐ Please provide plans to prevent recurrence of the discharge or release which may occur at this specific source. This may include employee training, equipment replacement, construction, or security measures such as lighting, fencing or locks.

9. Health Risks

☐ List known or anticipated acute and chronic health risks of exposure associated with the substances that were released.

10. Permit Numbers

- ☐ Indicate any air, water, or other permit numbers that may be pertinent to this incident (voluntary information).
- ☐ If this is a NPDES/air permit, please enclose a copy of your current effluent/emission limitations.

11. Chronology

☐ Provide a chronological review of the incident. Include a chronology of communications with state and local government.

12. Documentation

□ Provide any reports or other documents that pertain to the incident (e.g., accident reports, manifest, bills of lading, and laboratory analyses).

13. Causes

☐ Describe any extenuating circumstances which caused the discharge.

14. Economic Impact

(This information is voluntary)

- ☐ Estimate the dollar value, if any, of the spilled product.
- ☐ What was the equipment damage cost (estimate)?
- ☐ What was the cost of spill cleanup (estimate)?
- ☐ What are the estimated costs of spill prevention to eliminate possible reoccurrence of this event?

The written emergency notice must be submitted within 30 days of the spill, release, or discharge to:

Ohio EPA — DAPC/SERC Lazarus Government Center 50 West Town Street, Suite 700 P.O. Box 1049 Columbus, Ohio 43216-1049

Note: the 30-day written spill/release notice to Ohio EPA can be submitted by attaching the report and emailing to: **SERCspillreport@epa.ohio.gov**

Please reference the Ohio EPA emergency response spill number on the email subject line.

This information is required pursuant to ORC Section 3750.06(D) and OAC Rule 3750-25-25(A) (2).

The statute provides that if significant additional information regarding the mandatory or voluntary information submitted becomes known during the period between submission of the written report and one year after the release or discharge, the owner or operator must submit to the LEPC and the Ohio EPA an updated written notice within three days after learning of the additional information.

If this is the second oil spill release at this location within a 12-month period or a release of more than 1,000 gallons that has reached water, then you must submit a copy of your spill prevention control and countermeasure plan (SPCC) to the U.S. EPA Regional Administrator and to Ohio EPA within 60 days from the time of the discharge as required by 40 CFR 112.4. Your SPCC plan may be submitted with your 30-day written follow-up report. You may obtain SPCC information from U.S. EPA, by contacting their hotline center at 800.424.9346.

Ohio Local Emergency Planning Committee Information and Emergency Coordinators by County

NOTE: This list contains the 24-hour emergency telephone numbers of LEPC emergency coordinators. These numbers are to be used only to report reportable spills/releases to local officials. In most cases, the 24-hour number is a dispatching number (sheriff's dept./fire dept./police). Please do not call the 24-hour emergency number for general program questions or issues. This is only an emergency incident reporting telephone number.

NOTE: Questions about annual chemical inventory reports or filing fees should be directed to the information coordinator of your planning district (see below) or a state representative of the SERC at 614.644.2260 or 1.888.644.2260 (toll-free).

ADAMS COUNTY LEPC

Information Coordinator Tom Peterson Adams County EMA 31 Logans Lane West Union, OH 45693 937.544.6123 adamsema1@yahoo.com

Emergency Coordinator Tom Peterson

Adams County EMA 31 Logans Lane West Union, OH 45693 937.544.6123 DAY 937.544.2314 24-HR

ALLEN COUNTY LEPC

Information Coordinator Jared Gesler Allen County EMA Director PO Box 1243/2000 N. West St. Lima, OH 45802 419.993.1406 jgesler@allencountyohio.com

Emergency Coordinator Jared Gesler

Allen County EMA Director PO Box 1243/2000 N. West St.

Lima, OH 45802 419.993.1406 DAY 419.227.3535 24-HR

ASHLAND COUNTY LEPC

Information Coordinator Anne Strouth Ashland County EMA Director 110 Cottage St. 2nd Fl. Ashland, OH 44805 419.282.4272 ema@ashlandcounty.org

Emergency Coordinator Rick Anderson

Ashland City Fire Chief 274 Cleveland Ave. Ashland, OH 44805 419.289.6511 DAY

419.289.2911 24-HR

ASHTABULA COUNTY LEPC

Information Coordinator
Debbie Riley
Ashtabula County EMA Secretary
25 W. Jefferson St.
Jefferson, OH 44047
440.576.9148
LEPC@ashtabulacounty.us

Emergency Coordinator

Mike Fitchet

Ashtabula County EMA Director

25 W. Jefferson St. Jefferson, OH 44047 440.576.9148 DAY 440.576.3500 24-HR

ATHENS COUNTY LEPC

Information Coordinator **Emergency Coordinator**

Melissa Blank Teresa Imler

Athens County EMA Director Athens County EMA 13 W. Washington St. 13 W. Washington St.

Athens, OH 45701 Athens, OH 45701 740.594.2261 740.594.2261 DAY acema@athensoh.org 740.687.7780 24-HR

AUGLAIZE COUNTY LEPC

Information Coordinator Emergency Coordinator

Troy Anderson Troy Anderson

Auglaize County EMA Director **Auglaize County EMA** 209 Blackhoof St. Room 206 209 Blackhoof St. Room 206 Wapakoneta, OH 45895 Wapakoneta, OH 45895

419.739.6725 419.739.6725 DAY tanderson@auglaizecounty.org 419.733.3857 24-HR

BELMONT COUNTY LEPC

Information Coordinator Emergency Coordinator

Dave Ivan Glenn Trudo

Belmont County EMA Deputy Director Belmont County EMA Director

68329 Bannock Rd. 68329 Bannock Rd. St. Clairsville, OH 43950 St. Clairsville, OH 43950 740.695.5984 740.695.5984 DAY

emergency.management@co.belmont.oh.us 740.699.0425 24-HR

BROWN COUNTY LEPC

Information Coordinator **Emergency Coordinator** Dominick Daulton Tom Peterson

Brown County EMA Operations Mgr. **Brown County EMA Director** 325 W. State St. Bldg B 755 Mt. Orab Pike Georgetown, OH 45121 Georgetown, OH 45121

937,378,5100 937.378.1658 DAY bcema@frontier.com 937.378.4155 24-HR

BUTLER COUNTY LEPC

Information Coordinator Emergency Coordinator

Drew Vonderschmidt Iim Bolen

Butler County EMA Butler County EMA Director 315 High St. Ste. 670 315 High St. Ste. 670

Hamilton, OH 45011 Hamilton, OH 45011 513.785.5891 513.785.5810 DAY 513.785.5810 24-HR

David.vonderschmidt@bcohio.gov

CARROLL COUNTY LEPC

Information Coordinator Emergency Coordinator

Dustin Lucas Tom Cottis

Carroll County EMA Carroll County EMA Director 11 E. Main St./PO Box 628 11 E. Main St./PO Box 628 Carrollton, OH 44615 Carrollton, OH 44615

330.627.0003 330.627.0003 DAY

tcottis@carrollcountyohio.us 330.627.2141 24-HR dustin.lucas@carrollcountyohio.us

CHAMPAIGN COUNTY LEPC

Information Coordinator

Bill Frey

Champaign County EMA 1512 US HWY 68 Ste. C103

Urbana, OH 43078 937.484.1642

ema@co.champaign.oh.us wfrey@co.champaign.oh.us

Emergency Coordinator

Bill Frey

Champaign County EMA Director

1512 US HWY 68 Ste. C103

Urbana, OH 43078 937.484.1642 DAY

937.538.6802 24-HR

CLARK COUNTY LEPC

Information Coordinator

John Harper

Clark County EMA 3130 E. Main St. Ste. 1E Springfield, OH 45503

937.521.2175

jwharper@clarkcountyohio.gov ema@clarkcountyohio.gov **Emergency Coordinator**

Matt Smith

Springfield Fire Dept 350 N. Fountain Ave. Springfield, OH 45504 937.324.7632 DAY 937.346.7673 24-HR

CLERMONT COUNTY LEPC

Information Coordinator

Laurie Schlueter

Clermont County EMA 2279 Clermont Center Dr.

Batavia, OH 45103 513.732.7661

phaverkos@clermontcountyohio.gov clermontema@clermontcountyohio.gov **Emergency Coordinator**

Pam Haverkos

Clermont County EMA Dir. 2279 Clermont Center Dr.

Batavia, OH 45103 513.735.8502 DAY 513.732.2231 24-HR

CLINTON COUNTY LEPC

Information Coordinator

Thomas Breckel

Clinton County EMA Director 1850 Davids Dr. Ste. 107

Wilmington, OH 45177 937.382.6673

breckel.thomas@clintoncountyohio.us

Emergency Coordinator

Thomas Breckel

Clinton County EMA Director 1850 Davids Dr. Ste. 107 Wilmington, OH 45177

937.382.6673 DAY 937.768.4359 24-HR

COLUMBIANA COUNTY LEPC

Information Coordinator

Brian Rutledge

Columbiana County Info Coord

215 S. Market St. Lisbon, OH 44432 330.424.9725

Peggy.Clark@ccoema.org Brian.Rutledge@ccoema.org **Emergency Coordinator**

Peggy Clark

Columbiana County EMA Director

215 S. Market St. Lisbon, OH 44432 330.424.9725 DAY 330.424.7255 24-HR

COSHOCTON COUNTY LEPC

Information Coordinator

Rob McMasters

Coshocton County EMA

724 S. 7th St.

Coshocton, OH 43812

740.622.1984

ccema@coshoctoncounty.net

Emergency Coordinator

Rob McMasters

Coshocton County EMA

724 S. 7th St.

Coshocton, OH 43812 740.622.1984 DAY

740.622.2411 24-HR

CRAWFORD COUNTY LEPC

Information Coordinator Emergency Coordinator

Jette Cander Kennedy Pine

Crawford County EMA Director 112 E. Mansfield St. Ste. 302) 112 E. Mansfield St. Ste. 302)

Bucyrus, OH 44820.2349

419.562.6009

ccema@crawford.co.org

Crawford County EMA Director

Bucyrus, OH 44820.2349

419.562.6009 DAY

419.562.7906 24-HR

CUYAHOGA COUNTY LEPC

Information Coordinator Emergency Coordinator

Mark Christie Brvan Kloss

Cuyahoga County LEPC

Cuyahoga County EMA 9300 Quincy Ave. Floor 2 9300 Quincy Ave. Floor 2

Cleveland, OH 44106 Cleveland, OH 44106 216.698.2357 216.443.5700 DAY

LEPC@cuyahogacounty.us 216.771.1365 24-HR

bkloss@cuyahogacounty.gov

DARKE COUNTY LEPC

Information Coordinator Emergency Coordinator

Kevin Subler Mindy Saylor

Darke County EMA Director Darke County EMA

5183 County Home Rd. 5183 County Home Rd. Greenville, OH 45331 Greenville, OH 45331

937.548.1444 937.548.1444 DAY

937.548.2020 24-HR mindy@darkecountyema.org ksubler@darkecountyema.org

DEFIANCE COUNTY LEPC

Information Coordinator Emergency Coordinator

Melanie Becher **Iulie Rittenhouse**

Defiance County EMA Defiance County EMA Director

22491 Mill St. 22491 Mill St.

Defiance, OH 43512 Defiance, OH 43512 419.782.1130 419.782.1130 DAY

mbecher@defiancecounty.oh.gov 419.784.1155 24-HR

DELAWARE COUNTY LEPC

Information Coordinator Emergency Coordinator

Scott Stewart Alex McCarthy

Delaware County EMA Director Delaware County EMA

10 Court St. 10 Court St.

Delaware, OH 43015 Delaware, OH 43015 740.833.2182 740.833.2181 DAY delcoema@co.delaware.oh.us 740.417.6229 24-HR

scott@delcoema.org

ERIE COUNTY LEPC

Information Coordinator Emergency Coordinator Kim Johnson Timothy Jonovich

Erie County EMA Director **Erie County EMA** 2900 Columbus Ave. 2900 Columbus Ave. Sandusky, OH 44870 Sandusky, OH 44870 419.627.7617 419.627.7617 DAY

ema@eriecounty.oh.gov

FAIRFIELD COUNTY LEPC

Information Coordinator Emergency Coordinator

Christine Noland Jon Kochis

Fairfield County EMA Fairfield County EMA Director

419.627.7617 24-HR

240 Baldwin Dr. 240 Baldwin Dr. Lancaster, OH 43130 Lancaster, OH 43130 740.652.7962 740.654.4357 DAY 740.438.5304 24-HR

ema-lepc@fairfieldcountyohio.gov

FAYETTE COUNTY LEPC

Information Coordinator Emergency Coordinator

Melissa Havens Melissa Havens

Fayette County EMA Director Fayette County EMA Director

109 E. East Street 109 E. East Street

Washington CH, OH 43160 Washington CH, OH 43160

740.335.8264 740.335.8264 DAY 740.572.1454 24-HR melissa.havens@fayette.co.oh.com

FRANKLIN COUNTY LEPC

Information Coordinator Emergency Coordinator

Jeffrey Young **Ionathan Schmidt**

Columbus Public Health Franklin County EMA Director

5300 Strawberry Farms Blvd. 240 Parsons Ave. Columbus, OH 43230 Columbus, OH 43215

614.645.6275 614.794.0213 DAY cepac@columbus.gov 614.794.0213 24-HR jeschmidt@columbus.gov

FULTON COUNTY LEPC

Information Coordinator

Peggy Volkman

Fulton County EMA

8848 State Highway 108 Ste 105

Wauseon, OH 43567

419.337.9207

ema@fultoncountyoh.com

Peggyvolkman@fultoncountyoh.com

Emergency Coordinator

Becky Goble

Fulton County EMA Director 8848 State Highway 108 Ste 105

Wauseon, OH 43567 419.337.9207 DAY

419.335.4010 24-HR

GALLIA COUNTY LEPC

Information Coordinator

Tim Miller

Gallia County EMA Deputy Director

1191 State Route 160 Gallipolis, OH 45631 740.441.2036

gclepc@gallianet.net

Emergency Coordinator

Sherry Daines

Gallia County EMA Director

1191 State Route 160 Gallipolis, OH 45631 740.446.0025 DAY 740.446.1221 24-HR

GEAUGA COUNTY LEPC

Information Coordinator

M. Austin Rice

Geauga County D.E.S.

12518 Merritt Rd. Chardon, OH 44024

440.279.2170

arice@co.geauga.oh.us

Emergency Coordinator

Aric Anderson

Middlefield Fire Department

14870 N. State Ave Middlefield, OH 44062 440.478.1796 DAY 440.286.1234 24-HR

GREENE COUNTY LEPC

Information Coordinator

Ethan Raby

Greene County Info Coordinator

45 N. Detroit Street Xenia, OH 45385 937.562.5962

ethan.raby@greenecountyohio.gov

Emergency Coordinator

Gary Rettig

Dayton Regional HazMat Coord 88 E. Broad Street Ste. 1305)

Columbus, OH 43215 937.901.5112 24-HR

GUERNSEY COUNTY LEPC

Information Coordinator

Benjamin Bonnell

Guernsey County EMA 627 Wheeling Ave. Ste. 302

Cambridge, OH 43725 740.432.9292

ema@guernseycounty.org

Emergency Coordinator

Benjamin Bonnell

Guernsey County EMA Director 627 Wheeling Ave. Ste. 302 Cambridge, OH 43725 740.432.9292 DAY 740.584.5562 24-HR

HAMILTON COUNTY LEPC

Information Coordinator

Doug Witsken

Hamilton County EMA

2000 Radcliff Dr.

Cincinnati, OH 45204

513.263.8013

doug.witsken@hamiltoncountyohio.gov

lepc@hamiltoncountyohio.gov

Emergency Coordinator

Nick Crossley

Hamilton County EMA Director

2000 Radcliff Dr. Cincinnati, OH 45204 513.263.8200 DAY

513.825.2260 24-HR

HANCOCK COUNTY LEPC

Information Coordinator

Lee Swisher

Hancock County EMA Director PO Box 964/1900 Lima Ave. Findlay, OH 45839-0964

419.424.7092

ema@co.hancock.oh.us

Emergency Coordinator

Lee Swisher

Hancock County EMA Director PO Box 964/1900 Lima Ave. Findlay, OH 45839-0964 419.424.7092 DAY 419.422.2424 24-HR

HARDIN COUNTY LEPC

Information Coordinator

Abraham Oates Jr. Hardin County LEPC

1025 S. Main St. Kenton, OH 43326 419.675.8488

abraham.oates@hardincountyohio.gov

Emergency Coordinator

Keith Severns

Hardin County EMA Director 1025 S. Main St. Room 111

Kenton, OH 43326 419.674.2276 DAY 419.360.2930 24-HR

HARRISON COUNTY LEPC

Information Coordinator

Eric Wilson

Harrison County EMA Director 41520 Cadiz Dennison Rd.

Cadiz, OH 43907 740.942.3922

hcema34@frontier.com

Emergency Coordinator

Eric Wilson

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- Ohio Environmental Protection Agency epa.ohio.gov
- Ohio Emergency Management Agency ema.ohio.gov
- Ohio Department of Natural Resources, Division of Oil & Gas Resources oilandgas.ohiodnr.gov
- State Fire Marshal, Bureau of Underground Storage Tank Regulations com.ohio.gov/fire/default.aspx
- U.S. EPA epa.gov/epcra
- Ohio Risk Management Plan epa.ohio.gov/divisions-and-offices/air-pollution-control/dapcprograms/risk-management-planning
- Ohio Cessation of Regulated Operations *epa.ohio.gov/divisions-and-offices/environmental-response-revitalization/derr-programs/cessation-of-regulated-operations-cro*

List of Extremely Hazardous Substances

		Threshold Quantity (TQ) (pounds) (Industry Use	Reportable Quantity (pounds)	Threshold Planning Quantity (pounds) (LEPC Use
CAS#	Chemical Name	Only)	(Spill/Release)	Only)
75-86-5	Acetone Cyanohydrin	500	10	1,000
1752-30-3	Acetone Thiosemicarbazide	500/500	1,000	1,000/10,000
107-02-8	Acrolein	500	1	500
79-06-1	Acrylamide	500/500	5,000	1,000/10,000
107-13-1	Acrylonitrile	500	100	10,000
814-68-6	Acrylyl Chloride	100	100	100
111-69-3	Adiponitrile	500	1,000	1,000
116-06-3	Aldicarb	100/500	1	100/10,000
309-00-2	Aldrin	500/500	1	500/10,000
107-18-6	Allyl Alcohol	500	100	1,000
107-11-9	Allylamine	500	500	500
20859-73-8	Aluminum Phosphide	500	100	500
54-62-6	Aminopterin	500/500	500	500/10,000
78-53-5	Amiton	500	500	500
3734-97-2	Amiton Oxalate	100/500	100	100/10,000
7664-41-7	Ammonia	500	100	500
300-62-9	Amphetamine	500	1,000	1,000
62-53-3	Aniline	500	5,000	1,000
88-05-1	Aniline, 2,4,6-trimethyl-	500	500	500
7783-70-2	Antimony pentafluoride	500	500	500
1397-94-0	Antimycin A	500/500	1,000	1,000/10,000
86-88-4	ANTU	500/500	100	500/10,000
1303-28-2	Arsenic pentoxide	100/500	1	100/10,000
1327-53-3	Arsenous oxide	100/500	1	100/10,000
7784-34-1	Arsenous trichloride	500	1	500
7784-42-1	Arsine	100	100	100/10.000
2642-71-9	Azinphos Mothyl	100/500	100	100/10,000
86-50-0	Azinphos-Methyl Benzal Chloride	10/500 500	5 000	10/10,000
98-87-3 98-16-8	Benzai Chloride Benzenamine, 3-(trifluoromethyl)-	500	5,000 500	500
100-14-1	Benzene, 1-(chloromethyl)-4-nitro-	500/500	500	500/10,000
98-05-5	Benzenearsonic Acid	10/500	10	10/10,000
3615-21-2	Benzimidazole,4,5-Dichloro-2- (Trifluoromethyl)	500/500	500	500/10,000
98-07-7	Benzotrichloride [Benzoic trichloride]	100	10	100
100-44-7	Benzyl Chloride	500	100	500
140-29-4	Benzyl Cyanide	500	500	500
15271-41-7	Bicyclo[2.2.1]Heptane-2-Carbonitrile, 5-chloro-6-	500/500	500	500/10,000
534-07-6	Bis (Chloromethyl) Ketone 10/500	10	10/10,000	
4044-65-9	Bitoscanate	500/500	500	500/10,000

		Threshold Quantity (TQ) (pounds) (Industry Use	Reportable Quantity (pounds)	Threshold Planning Quantity (pounds) (LEPC Use
CAS#	Chemical Name	Only)	(Spill/Release)	Only)
10294-34-5	Boron Trichloride	500	500	500
7637-07-2	Boron Trifluoride	500	500	500
353-42-4	Boron Trifluoride compound with Methyl Ether (1:1)	500	1,000	1,000
28772-56-7	Bromadiolone	100/500	100	100/10,000
7726-95-6	Bromine	500	500	500
1306-19-0	Cadmium Oxide	100/500	100	100/10,000
2223-93-0	Cadmium Stearate	500/500	1,000	1,000/10,000
7778-44-1	Calcium arsenate	500/500	1	500/10,000
8001-35-2	Camphechlor	500/500	1	500/10,000
56-25-7	Cantharidin	100/500	100	100/10,000
51-83-2	Carbachol Chloride	500/500	500	500/10,000
26419-73-8	Carbamic acid, methyl-, 0-(((2,4-dimethyl-1, 3-dithiolan-2-yl) Methylene) Amino)-	100/500	100	100/10,000
1563-66-2	Carbofuran	10/500	10	10/10,000
75-15-0	Carbon Disulfide	500	100	10,000
786-19-6	Carbophenothion	500	500	500
57-74-9	Chlordane	500	1	1,000
470-90-6	Chlorfenvinfos	500	500	500
7782-50-5	Chlorine	100	10	100
24934-91-6	Chlormephos	500	500	500
999-81-5	Chlormequat Chloride	100/500	100	100/10,000
79-11-8	Chloroacetic Acid	100/500	100	100/10,000
107-07-3	Chloroethanol	500	500	500
627-11-2	Chloroethyl Chloroformate	500	1,000	1,000
67-66-3	Chloroform	500	10	10,000
542-88-1	Chloromethyl ether	100	10	100
107-30-2	Chloromethyl methyl ether	100	10	100
3691-35-8	Chlorophacinone	100/500	100	100/10,000
1982-47-4	Chloroxuron	500/500	500	500/10,000
21923-23-9	Chlorthiophos	500	500	500
10025-73-7	Chromic Chloride	1/500	1	1/10,000
10210-68-1	Cobalt Carbonyl	10/500	10	10/10,000
62207-76-5	Cobalt, ((2,2'-(1,2-Ethanediyl-bis- (nitrilomethylidyne)	100/500	100	100/10,000
64-86-8	Colchicine	10/500	10	10/10,000
56-72-4	Coumaphos	100/500	10	100/10,000
5836-29-3	Coumatetralyl	500/500	500	500/10,000
95-48-7	Cresol,o-	500/500	100	1,000/10,000
535-89-7	Crimidine	100/500	100	100/10,000
123-73-9	Crotonaldehyde, (E)-	500	100	1,000
4170-30-3	Crotonaldehyde	500	100	1,000

				Threshold
		Threshold		Planning
		Quantity (TQ)	Reportable	Quantity
		(pounds)	Quantity	(pounds)
		(Industry Use	(pounds)	(LEPC Use
CAS#	Chemical Name	Only)	(Spill/Release)	Only)
506-68-3	Cyanogen Bromide	500/500	1,000	500/10,000
506-78-5	Cyanogen Iodide	500/500	1,000	1,000/10,000
2636-26-2	Cyanophos	500	1,000	1,000
675-14-9	Cyanuric Fluoride	100	100	100
66-81-9	Cycloheximide	100/500	100	100/10,000
108-91-8	Cyclohexylamine	500	10,000	10,000
17702-41-9	Decaborane (14)	500/500	500	500/10,000
8065-48-3	Demeton	500	500	500
919-86-8	Demeton-S-Methyl	500	500	500
10311-84-9	Dialifor	100/500	100	100/10,000
19287-45-7	Diborane	100	100	100
111-44-4	Dichloroethyl ether	500	10	10,000
149-74-6	Dichloromethylphenylsilane	500	1,000	1,000
62-73-7	Dichlorvos	500	10	1,000
141-66-2	Dicrotophos	100	100	100
1464-53-5	Diepoxybutane	500	10	500
814-49-3	Diethyl Chlorophosphate	500	500	500
71-63-6	Digitoxin	100/500	100	100/10,000
2238-07-5	Diglycidyl Ether	500	1,000	1,000
20830-75-5	Digoxin	10/500	10	10/10,000
115-26-4	Dimefox	500	500	500
60-51-5	Dimethoate	500/500	10	500/10,000
2524-03-0	Dimethyl Phosphoro-chloridothioate	500	500	500
77-78-1	Dimethyl sulfate	500	100	500
99-98-9	Dimethyl-p-Phenylenediamine	10/500	10	10/10,000
75-78-5	Dimethyldichlorosilane	500	500	500
57-14-7	Dimethylhydrazine	500	10	1,000
644-64-4	Dimetilan	500/500	1	500/10,000
534-52-1	Dinitrocresol	10/500	10	10/10,000
88-85-7	Dinoseb	100/500	1,000	100/10,000
1420-07-1	Dinoterb	500/500	500	500/10,000
78-34-2	Dioxathion	500	500	500
82-66-6	Diphacinone	10/500	10	10/10,000
152-16-9	Diphosphoramide, octamethyl-	100	100	100
298-04-4	Disulfoton	500	1	500
514-73-8	Dithiazanine lodide	500/500	500	500/10,000
541-53-7	Dithiobiuret	100/500	100	100/10,000
316-42-7	Emetine, Dihydrochloride	1/500	1	1/10,000
115-29-7	Endosulfan	10/500	1	10/10,000
2778-04-3	Endothion	500/500	500	500/10,000
72-20-8	Endrin	500/500	1	500/10,000
106-89-8	Epichlorohydrin	500	100	1,000

		Threshold Quantity (TQ) (pounds) (Industry Use	Reportable Quantity (pounds)	Threshold Planning Quantity (pounds) (LEPC Use
CAS# Ch	emical Name	Only)	(Spill/Release)	Only)
2104-64-5 EP	N	100/500	100	100/10,000
50-14-6 Erg	gocalciferol	500/500	1,000	1,000/10,000
379-79-3 Erg	gotamine Tartrate	500/500	500	500/10,000
1622-32-8 Eth	nanesulfonyl Chloride, 2-Chloro-	500	500	500
10140-87-1 Eth	nanol, 1,2-Dichloro-, Acetate	500	1,000	1,000
563-12-2 Eth	nion	500	10	1,000
13194-48-4 Eth	noprophos	500	1,000	1,000
538-07-8 Eth	nyl bis (2-Chloroethyl) Amine	500	500	500
371-62-0 Eth	nylene Fluorohydrin	10	10	10
75-21-8 Eth	nylene oxide	500	10	1,000
107-15-3 Eth	nylenediamine	500	5,000	10,000
151-56-4 Eth	nyleneimine	500	1	500
542-90-5 Eth	nylthiocyanate	500	10,000	10,000
22224-92-6 Fe	namiphos	10/500	10	10/10,000
115-90-2 Fe	nsulfothion	500	500	500
4301-50-2 Flu	ienetil	100/500	100	100/10,000
7782-41-4 Flu	orine	500	10	500
640-19-7 Flu	oroacetamide	100/500	100	100/10,000
144-49-0 Flu	oroacetic Acid	10/500	10	10/10,000
359-06-8 Flu	oroacetyl Chloride	10	10	10
51-21-8 Flu	orouracil	500/500	500	500/10,000
944-22-9 For	nofos	500	500	500
50-00-0 For	rmaldehyde	500	100	500
107-16-4 For	rmaldehyde Cyanohydrin	500	1,000	1,000
23422-53-9 For	rmethanate Hydrochloride	500/500	100	500/10,000
2540-82-1 For	rmothion	100	100	100
17702-57-7 For	rmparanate	100/500	100	100/10,000
21548-32-3 For	sthietan	500	500	500
3878-19-1 Fu	beridazole	100/500	100	100/10,000
110-00-9 Fu	ran	500	100	500
13450-90-3 Ga	llium Trichloride	500/500	500	500/10,000
77-47-4 He	xachlorocyclopentadiene	100	10	100
4835-11-4 He	xamethylenediamine, N,N'-Dibutyl-	500	500	500
302-01-2 Hy	drazine	500	1	1,000
74-90-8 Hy	drocyanic Acid (Hydrogen cyanide)	100	10	100
7647-01-0 Hy		F00	5,000	500
7664-39-3 Hy	drogen Chloride (gas only)	500	3,000	300
100100	drogen Chloride (gas only) drogen Fluoride	100	100	100
			-	
7722-84-1 Hy	drogen Fluoride	100	100	100
7722-84-1 Hy 7783-07-5 Hy	drogen Fluoride drogen Peroxide (Conc > 52%)	100 500	100 1,000	100 1,000
7722-84-1 Hy 7783-07-5 Hy 7783-06-4 Hy	drogen Fluoride drogen Peroxide (Conc > 52%) drogen Selenide	100 500 10	100 1,000 10	100 1,000 10

		Threshold		Threshold Planning
		Quantity (TQ)	Reportable	Quantity
		(pounds)	Quantity	(pounds)
CAC #	Chamical Name	(Industry Use	(pounds)	(LEPC Use
CAS#	Chemical Name	Only)	(Spill/Release)	Only)
297-78-9	Isobenzan	100/500	100	100/10,000
78-82-0	Isobutyronitrile	500	1,000	1,000
102-36-3 465-73-6	Isocyanic Acid, 3,4-Dichlorophenyl Ester Isodrin	500/500	500	500/10,000
		100/500	1 100	100/10,000
55-91-4 4098-71-9	Isofluorphate Isophorone Diisocyanate	500	500	500
108-23-6	Isopropyl Chloroformate	500	1,000	1,000
119-38-0	Isopropylmethylpyrazolyl	500	100	500
	Dimethylcarbamate			
78-97-7	Lactonitrile	500	1,000	1,000
21609-90-5	Leptophos	500/500	500	500/10,000
541-25-3	Lewisite	10	10	10
58-89-9	Lindane (gamma-BHC)	500/500	1	1,000/10,000
7580-67-8	Lithium Hydride	100	100	100
109-77-3	Malononitrile	500/500	1,000	500/10,000
12108-13-3	Maganese, Tricarbonyl Methylcyclopentadienyl	100	100	100
51-75-2	Mechlorethamine	10	10	10
950-10-7	Mephosfolan	500	500	500
1600-27-7	Mercuric Acetate	500/500	500	500/10,000
7487-94-7	Mercuric Chloride	500/500	500	500/10,000
21908-53-2	Mercuric Oxide	500/500	500	500/10,000
10476-95-6	Methacrolein Diacetate	500	1,000	1,000
760-93-0	Methacrylic Anhydride	500	500	500
126-98-7	Methacrylonitrile	500	1,000	500
920-46-7	Methacryloyl Chloride	100	100	100
30674-80-7	Methacryloyloxyethyl isocyanate	100	100	100
10265-92-6	Methamidophos	100/500	100	100/10,000
558-25-8	Methanesulfonyl Fluoride	500	1,000	1,000
950-37-8	Methiograph	500/500	500	500/10,000
2032-65-7	Methograph	500/500	1,000	500/10,000
16752-77-5	Methopyethylmorguric Acetata	500/500	100	500/10,000
151-38-2	Methoxyethylmercuric Acetate	500/500	500	500/10,000
80-63-7	Methyl 2-Chloroacrylate Methyl bromide	500	500	1 000
74-83-9 79-22-1	Methyl Chloroformate	500	1,000	1,000 500
60-34-4	Methyl Hydrazine	500	1,000	500
624-83-9	Methyl Isocyanate	500	10	500
556-61-6	Methyl Isothiocyanate	500	500	500
74-93-1	Methyl Mercaptan	500	100	500
3735-23-7	Methyl Phenkapton	500	500	500
676-97-1	Methyl Phosphonic Dichloride	100	100	100
010-31-1	methyl r nospholiic bichlonde	100	100	100

		Threshold Quantity (TQ) (pounds) (Industry Use	Reportable Quantity (pounds)	Threshold Planning Quantity (pounds) (LEPC Use
CAS#	Chemical Name	Only)	(Spill/Release)	Only)
556-64-9	Methyl Thiocyanate	500	10,000	10,000
78-94-4	Methyl Vinyl Ketone	10	10	10
502-39-6	Methylmercuric Dicyanamide	500/500	500	500/10,000
75-79-6	Methyltrichlorosilane	500	500	500
1129-41-5	Metolcarb	100/500	1	100/10,000
7786-34-7	Mevinphos	500	10	500
315-18-4	Mexacarbate	500/500	1,000	500/10,000
50-07-7	Mitomycin C	500/500	10	500/10,000
6923-22-4	Monocrotophos	10/500	10	10/10,000
2763-94-4	Muscimol	500/500	1,000	500/10,000
505-60-2	Mustard gas	500	500	500
13463-39-3	Nickel carbonyl	1	10	1
54-11-5	Nicotine	100	100	100
65-30-5	Nicotine sulfate	100/500	100	100/10,000
7697-37-2	Nitric Acid	500	1,000	1,000
10102-43-9	Nitric Oxide	100	10	100
98-95-3	Nitrobenzene	500	1,000	10,000
1122-60-7	Nitrocyclohexane	500	500	500
62-75-9	Nitrosodimethylamine	500	10	1,000
10102-44-0	Nitrogen Dioxide	100	10	100
991-42-4	Norbormide	100/500	100	100/10,000
	OrganoRhodium Complex (PMN-82-147)	10/500	10	10/10,000
630-60-4	Ouabain	100/500	100	100/10,000
23135-22-0	Oxamyl	100/500	100	100/10,000
78-71-7	Oxetane, 3,3-bis (Chloromethyl)-	500	500	500
2497-07-6	Oxydisulfoton	500	500	500
10028-15-6	Ozone	100	100	100
1910-42-5	Paraquat Dichloride	10/500	10	10/10,000
2074-50-2	Paraquat methosulfate	10/500	10	10/10,000
56-38-2	Parathion	100	10	100
298-00-0	Parathion-Methyl	100/500	100	100/10,000
12002-03-8	Paris green	500/500	1	500/10,000
19624-22-7	Pentaborane	500	500	500
2570-26-5	Pentadecylamine	100/500	100	100/10,000
79-21-0	Peracetic acid	500	500	500
594-42-3	Perchloromethylmercaptan	500	100	500
108-95-2	Phenol	500/500	1,000	500/10,000
4418-66-0	Phenol, 2,2'-Thiobis[4-Chloro-6-Methyl]-	100/500	100	100/10,000
64-00-6	Phenol, 3-(1-Methylethyl)-, methylcarbamate	500/500	10	500/10,000
58-36-6	Phenoxarsine, 10,10'-Oxydi-	500/500	500	500/10,000
696-28-6	Phenyl Dichloroarsine	500	1	500
59-88-1	Phenylhydrazine Hydrochloride	500/500	1,000	1,000/10,000

		Threshold Quantity (TQ) (pounds) (Industry Use	Reportable Quantity (pounds)	Threshold Planning Quantity (pounds) (LEPC Use
CAS#	Chemical Name	Only)	(Spill/Release)	Only)
62-38-4	Phenylmercury Acetate	500/500	100	500/10,000
2097-19-0	Phenylsilatrane	100/500	100	100/10,000
103-85-5	Phenylthiourea	100/500	100	100/10,000
298-02-2	Phorate	10	10	10
4104-14-7	Phosacetim	100/500	100	100/10,000
947-02-4	Phosfolan	100/500	100	100/10,000
75-44-5	Phosgene	10	10	10
13171-21-6	Phosphamidon	100	100	100
7803-51-2	Phosphine	500	100	500
2703-13-1	Phosphonothioic Acid, Methyl-, O-Ethyl 0-(4-	500	500	500
	Methylthio)Phenyl)Ester			100
50782-69-9	Phosphonothioic Acid, Methyl-, S-(2-(Bis(1-methylethyl)Amino)Ethyl)o-Ethyl Ester	100	100	100
2665-30-7	Phosphonothioic Acid, Methyl-,0-(4- Nitrophenyl) O-Phenyl Ester	500	500	5,000
3254-63-5	Phosphoric Acid, Dimethyl 4- (Methylthio)Phenyl Ester	500	500	500
2587-90-8	Phosphorothoic Acid, 0,0-DiMethyl-S-(2- Methylthio) Ethyl Ester	500	500	500
7723-14-0	Phosphorus	100	1	100
10025-87-3	Phosphorus Oxychloride	500	1,000	500
10026-13-8	Phosphorus Pentachloride	500	500	500
7719-12-2	Phosphorous Trichloride	500	1,000	1,000
57-47-6	Physostigmine	100/500	100	100/10,000
57-64-7	Physostigmine, Salicylate (1:1)	100/500	100	100/10,000
124-87-8	Picrotoxin	500/500	500	500/10,000
110-89-4	Piperidine	500	1,000	1,000
23505-41-1	Pirimifos-Ethyl	500	1,000	1,000
10124-50-2	Potassium arsenite	500/500	1	500/10,000
151-50-8	Potassium Cyanide	100	10	100
506-61-6	Potassium Silver Cyanide	500	1	500
2631-37-0	Promecarb	500/500	1,000	500/10,000
106-96-7	Propargyl Bromide	10	10	10
57-57-8	Propiolactone, Beta	500	10	500
107-12-0	Propionitrile	500	10	500
542-76-7	Propionitrile, 3-Chloro-	500	1,000	1,000
70-69-9	Propiophenone, 4-Amino- 100/500	100	100/10,000	
109-61-5	Propyl Chloroformate	500	500	500
75-56-9	Propylene Oxide	500	100	10,000
75-55-8	Propyleneimine	500	1	10,000
2275-18-5	Prothoate	100/500	100	100/10,000
129-00-0	Pyrene	500/500	5,000	1,000/10,000

		Threshold Quantity (TQ) (pounds) (Industry Use	Reportable Quantity (pounds)	Threshold Planning Quantity (pounds) (LEPC Use
CAS#	Chemical Name	Only)	(Spill/Release)	Only)
140-76-1	Pyridine, 2-Methyl-5-Vinyl-	500	500	500
504-24-5	Pyridine, 4-Amino-	500/500	1,000	500/10,000
1124-33-0	Pyridine, 4-Nitro-, 1-Oxide	500/500	500	500/10,000
53558-25-1	Pyriminil	100/500	100	100/10,000
14167-18-1	Salcomine	500/500	500	500/10,000
107-44-8	Sarin	10	10	10
7783-00-8	Selenious acid	500/500	10	1,000/10,000
7791-23-3	Selenium Oxychloride	500	500	500
563-41-7	Semicarbazide Hydrochloride	500/500	1,000	1,000/10,000
3037-72-7	Silane, (4-Aminobutyl) Diethoxymethyl-	500	1,000	1,000
7631-89-2	Sodium Arsenate	500/500	1	1,000/10,000
7784-46-5	Sodium Arsenite	500/500	1	500/10,000
26628-22-8	Sodium Azide (Na[N3])	500	1,000	500
124-65-2	Sodium Cacodylate	100/500	100	100/10,000
143-33-9	Sodium Cyanide (Na(CN))	100	10	100
62-74-8	Sodium Fluoroacetate	10/500	10	10/10,000
13410-01-0	Sodium Selenate	100/500	100	100/10,000
10102-18-8	Sodium Selenite	100/500	100	100/10,000
10102-20-2	Sodium Tellurite	500/500	500	500/10,000
900-95-8	Stannane, Acetoxytriphenyl	500/500	500	500/10,000
57-24-9	Strychnine	100/500	10	100/10,000
60-41-3	Strychnine sulfate	100/500	10	100/10,000
3689-24-5	Sulfotep	500	100	500
3569-57-1	Sulfoxide, 3-Chloropropyl octyl	500	500	500
7446-09-5	Sulfur Dioxide	500	500	500
7783-60-0	Sulfur Tetrafluoride	100	100	100
7446-11-9	Sulfur Trioxide	100	100	100
7664-93-9	Sulfuric Acid	500	1,000	1,000
77-81-6	Tabun	10	10	10
7783-80-4	Tellurium Hexafluoride	100	100	100
107-49-3	TEPP	100	10	100
13071-79-9	Terbufos	100	100	100
78-00-2	Tetraethyllead	100	10	100
597-64-8	Tetraethyltin	100	100	100
75-74-1	Tetramethyllead	100	100	100
509-14-8	Tetranitromethane	500	10	500
10031-59-1	Thallium Sulfate	100/500	100	100/10,000
6533-73-9	Thallous Carbonate	100/500	100	100/10,000
7791-12-0	Thallous Chloride	100/500	100	100/10,000
2757-18-8	Thallous Malonate	100/500	100	100/10,000
7446-18-6	Thallous Sulfate	100/500	100	100/10,000
2231-57-4	Thiocarbazide	500/500	1,000	1,000/10,000

CAS # Chemical Name Only) (Spill/Release) Only) 39196-18-4 Thiofanox 100/500 100 100/10,000 297-97-2 Thionazin 500 100 500 108-98-5 Thiophenol 500 100 500 79-19-6 Thiosemicarbazide 100/500 100 100/10,000 5344-82-1 Thiourea, (2-Chlorophenyl)- 100/500 100 100/10,000 614-78-8 Thiourea, (2-Methylphenyl)- 500/500 500 500/10,000 7550-45-0 Titanium Tetrachloride 100 1,000 100 584-84-9 Toluene 2,4-Diisocyanate 500 100 500 91-08-7 Toluene 2,6-Diisocyanate 100 100 100 110-57-6 Trans-1,4-dichlorobutene 500 500 500 1031-47-6 Triamiphos 500/500 500 500/10,000 24017-47-8 Tricaloroacetyl Chloride 500 500 500 105-21-9 Trichloroethylsilane 500
297-97-2 Thionazin 500 100 500 108-98-5 Thiophenol 500 100 500 79-19-6 Thiosemicarbazide 100/500 100 100/10,000 5344-82-1 Thiourea, (2-Chlorophenyl)- 100/500 100 100/10,000 614-78-8 Thiourea, (2-Methylphenyl)- 500/500 500 500/10,000 7550-45-0 Titanium Tetrachloride 100 1,000 100 584-84-9 Toluene 2,4-Diisocyanate 500 100 500 91-08-7 Toluene 2,6-Diisocyanate 100 100 100 110-57-6 Trans-1,4-dichlorobutene 500 500 500 1031-47-6 Triamiphos 500/500 500 500/10,000 24017-47-8 Tricalorosetyl Chloride 500 500 500 115-21-9 Trichloroacetyl Chloride 500 500 500 327-98-0 Trichlorophenylsilane 500 500 500 1558-25-4 Trichloro (Chloromethyl) Silane <t< th=""></t<>
108-98-5 Thiophenol 500 100 500 79-19-6 Thiosemicarbazide 100/500 100 100/10,000 5344-82-1 Thiourea, (2-Chlorophenyl)- 100/500 100 100/10,000 614-78-8 Thiourea, (2-Methylphenyl)- 500/500 500 500/10,000 7550-45-0 Titanium Tetrachloride 100 1,000 100 584-84-9 Toluene 2,4-Diisocyanate 500 100 500 91-08-7 Toluene 2,6-Diisocyanate 100 100 100 100-7-6 Trans-1,4-dichlorobutene 500 500 500 1031-47-6 Triamiphos 500/500 500 500 24017-47-8 Triazofos 500 500 500 76-02-8 Trichloroacetyl Chloride 500 500 500 327-98-0 Trichlorothylsilane 500 500 500 98-13-5 Trichloro (Chloromethyl) Silane 100 100 100 27137-85-5 Trichloro (Dichlorophenyl) Silane <td< th=""></td<>
79-19-6 Thiosemicarbazide 100/500 100 100/10,000 5344-82-1 Thiourea, (2-Chlorophenyl)- 100/500 100 100/10,000 614-78-8 Thiourea, (2-Methylphenyl)- 500/500 500 500/10,000 7550-45-0 Titanium Tetrachloride 100 1,000 100 584-84-9 Toluene 2,4-Diisocyanate 500 100 500 91-08-7 Toluene 2,6-Diisocyanate 100 100 100 105-7-6 Trans-1,4-dichlorobutene 500 500 500 1031-47-6 Triamiphos 500/500 500 500 24017-47-8 Triazofos 500 500 500 76-02-8 Trichloroacetyl Chloride 500 500 500 115-21-9 Trichloroethylsilane 500 500 500 327-98-0 Trichlorophenylsilane 500 500 500 98-13-5 Trichloro (Chloromethyl) Silane 100 100 100 27137-85-5 Trichloro (Dichlorophenyl) Silane
5344-82-1 Thiourea, (2-Chlorophenyl)- 100/500 100 100/10,000 614-78-8 Thiourea, (2-Methylphenyl)- 500/500 500 500/10,000 7550-45-0 Titanium Tetrachloride 100 1,000 100 584-84-9 Toluene 2,4-Diisocyanate 500 100 100 91-08-7 Toluene 2,6-Diisocyanate 100 100 100 110-57-6 Trans-1,4-dichlorobutene 500 500 500 1031-47-6 Triamiphos 500/500 500 500/10,000 24017-47-8 Triazofos 500 500 500 76-02-8 Trichloroacetyl Chloride 500 500 500 115-21-9 Trichloroethylsilane 500 500 500 327-98-0 Trichlorophenylsilane 500 500 500 98-13-5 Trichloro (Chloromethyl) Silane 100 100 100 27137-85-5 Trichloro (Dichlorophenyl) Silane 500 500 500 998-30-1 Triethoxysilane
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639-58-7 Triphenyltin Chloride 500/500 500 500/10,000
100 00 1 111011111111111111111111111111
555-77-1 Tris (2-Chloroethyl) amine 100 100 100
2001-95-8 Valinomycin 500/500 1,000 1,000/10,000
1314-62-1 Vanadium Pentoxide 100/500 1,000 100/10,000
108-05-4 Vinyl Acetate (monomer) 500 5,000 1,000
81-81-2 Warfarin 500/500 100 500/10,000
129-06-6 Warfarin sodium 100/500 100 100/10,000
28347-13-9 Xylene Dichloride 100/500 100 100/10,000
58270-08-9 Zinc, Dichloro (4,4-Dimethyl-5(methylamino) 100/500 100 100/10,000 carboynl) oxy) lmino) Pentanenitrile)-,(T-4)-
1314-84-7 Zinc Phosphide 500 100 500

Revised 11/17

NOTE: Where Threshold Planning Quantities have two numbers, the larger number should be used when the material is stored as a solid. A solid indicates a particle size larger than 100 microns. If the particle size is less than 100 microns, use the lower TPQ. The lower TPQ should also be used for solutions or liquids. A micron is a unit of linear measure equal to one millionth of a meter, or one thousandth of a millimeter. (.003937 inches).