

2013 Tier II Reporting Guide

For 2012 Tier II Emergency and Hazardous Chemical Inventory Reports

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CHANGES

Fees:

The fee will be calculated for you and a fee form mailed to you AFTER you have submitted your Tier II report. For more information, go to the “Fee” section of this reporting guide.

New Tier II Report Format:

The Federal Environmental Protection Agency (EPA) has made changes for Tier II reports due March 1, 2014 (next year). The Tier II form will change substantially. The state is working on options for incorporating the changes into the reporting process, but it is possible we may be unable to produce pre-completed Tier II reports. Facilities may need to fill out the forms themselves. Should that situation arise, you may wish to consider preparing your report using the free EPA Tier II Submit software. A number of facilities already utilize the free EPA software. The software is available on-line via a link from the South Dakota Title III webpage (<http://denr.sd.gov/titleiii>).

WHO IS SUBJECT TO TIER II REPORTING REQUIREMENTS

A facility is subject to Tier II reporting requirements, if required, under regulations implementing the Occupational Safety and Health Act of 1970, to prepare or have available a Material Safety Data Sheet (MSDS) for a hazardous chemical present on-site. MSDS requirements are specified in the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard, found in Title 29 of the Code of Federal Regulations at §1910.1200.

REPORTABLE CHEMICALS

A chemical is potentially reportable if your facility is required, under OSHA’s Hazard Communication Standard, to maintain a Material Safety Data Sheet. However, if the MSDS indicates the chemical poses no physical or health hazard, it is possible your chemical may not be reportable.

Your chemical will not be reportable if it is excluded or if you store a quantity that is below the applicable reporting threshold (see the “Exclusions” and “Reporting Thresholds” sections of this document).

Contact Trish at 800-433-2288 or via e-mail (Trish.Kindt@state.sd.us) for assistance if determining if a particular chemical is reportable.

EXCLUSIONS

The following are excluded from Tier II reporting:

- Any food, food additive, drug, or cosmetic regulated by the Food and Drug Administration;
- Any solid substance (when exposure does not occur under normal conditions. Example: sheet metal);
- Any substance used for household purposes, or packaged in the same form and concentration as when used for household purposes (examples: a pail of house paint or a jug of herbicide for use on a lawn);
- Any substance used in a research laboratory or a hospital under the direct supervision of a technically qualified individual (Example: oxygen for medical use is exempt but fuel for a helicopter is not exempt);

- An agricultural chemical the end user (ie. the farmer) stores and uses on his/her own farm;
- Fertilizer held for retail sale for agricultural use. This exclusion does not apply to ammonia used for other purposes such as refrigeration. If you are a fertilizer wholesaler, your wholesale product does not meet the exclusion. A chemical used in the manufacture of fertilizer may be reportable (if it is not itself fertilizer); and
- Transport – A chemical is not reportable while in transit. That same chemical is reportable when stored at the origin and destination facilities.

REPORTING THRESHOLDS

Report if at any time during 2012, you stored an amount equal to or exceeding the following:

- **Extremely Hazardous Substances (EHS)** – 500 pounds or the threshold planning quantity (TPQ).
A link to the EHS list is available online (<http://denr.sd.gov/titleiii>).
- **Gasoline and/or Diesel in Aboveground Storage Tanks (ASTs)** – 10,000 pounds;
- **Gasoline or Diesel in Underground Storage Tanks (USTs) that are NOT at a Retail Station** – 10,000 pounds;
- **Gasoline at a Retail Fuel Station when storage is in Underground Storage Tanks** – 75,000 gallons;
- **Diesel at a Retail Fuel Station when storage is in Underground Storage Tanks** – 100,000 gallons; and
- **All other reportable chemicals, for which facilities are required to have or prepare an MSDS** – 10,000 pounds.

FEE

When is the fee due?

The fee is due April 1, 2013. Payments received after the deadline will be deemed late pursuant to South Dakota Codified Laws section 1-50-11, and late fees may be assessed.

Where can I find the fee form?

Blank fee forms have not been sent to facilities. The fee will be calculated for you and an invoice will be mailed to you, within a week of DENR receipt of your Tier II report.

Fees are due April 1, 2013. If you do not receive an invoice for your fee, call Trish at (800) 433-2288 or send an e-mail (Trish.Kindt@state.sd.us). Be aware you are ultimately responsible for ensuring your fee is paid prior to April 1.

How are fees calculated?

The fee will be calculated for you and you will be sent an invoice. The fee per facility will be calculated as follows:

- \$0 (Tier II report submitted voluntarily – no reportable chemicals)
- \$50 (1 - 3 reportable chemicals at the facility)
- \$100 (4 - 9 reportable chemicals at the facility)

- \$200 (10 - 18 reportable chemicals at the facility)
- \$300 (>=19 reportable chemicals at the facility)

A late payment penalty applies to payments made after April 1. A \$15 penalty applies to fees of \$150 or less and a 10% penalty applies to fees of \$200 or more.

MAILING ADDRESSES & TIER II REPORT FILINGS

1. Submit a Tier II Report to the State of South Dakota. The mailing address is:

PMB 2020 DENR - SERC
523 East Capitol Avenue
Pierre, South Dakota 57501-3182

You may print and submit a paper report even if you prepared your report using the EPA Tier II Submit software. The software has that functionality. However, you have the option of submitting an electronic data file via e-mail (Trish.Kindt@state.sd.us). When you file electronically, do not assume your report was successfully submitted until you receive an e-mail verifying receipt. If you do not receive confirmation, try resending, call Trish at (800) 433-2288, or submit a hard copy report. You are responsible for verifying the report is received;

2. Submit a Tier II Report to the Local Emergency Planning Committee (LEPC) in the county where the facility is located (if using the multi-color form, send the yellow copy). LEPC mailing addresses are available on-line (<http://denr.sd.gov/titleiii>);
3. Submit a Tier II Report to the fire department that serves the facility (if using the multi-color form, send the pink copy). Fire Department mailing addresses are available on-line (<http://denr.sd.gov/titleiii>); and
4. Keep a copy for your files (if using the multi-color form, keep the green copy).

LEPC AND FIRE DEPARTMENT MAILING ADDRESSES: In the past, mailing addresses were printed in this document. For the purpose of providing more accurate information, the contact mailing addresses are now being made available on-line (<http://denr.sd.gov/titleiii>). If you do not have internet access, you can get the mailing addresses by calling (800) 433-2288 or sending an e-mail (Trish.Kindt@state.sd.us).

INSTRUCTIONS - REPORT USING A PAPER FORM

The Tier II form is split into several sections:

a. Facility Identification Section

- i. I.D. Number – The I.D. Number is in the very top line of the Tier II form. If you received a pre-completed Tier II form in the mail, an I.D. Number will be printed here for you. If you did not receive a pre-completed Tier II form, leave this blank. An I.D. Number will be assigned to your facility after you submit your Tier II report;
- ii. Name – Provide the name of the chemical storage facility;
- iii. Location – Identify the actual location of the storage facility. Use the street or road address (not the mailing address);

- iv. County, City, and Zip – Provide the name of the county, city, and applicable zip code for the location of the storage facility;
- v. Latitude & Longitude – Provide a latitude/longitude for the chemical storage site;
- vi. SIC – SIC code is optional. The Standard Industrial Classification (SIC) code is a method of classifying industries. The financial officer of your facility may be able to help find your SIC code. Another option is to look it up online (<http://www.census.gov/epcd/www/sic.html>);
- vii. NAICS – The North American Industry Classification System (NAICS) code is used to classify business establishments according to type of economic activity (process of production). The financial officer of your facility may be able to help find your NAICS code. Another option is to look it up for free online (<http://www.naics.com/search.htm>); and
- viii. Dun & Bradstreet – Dun & Bradstreet is a business that collects and provides information about 150 million companies worldwide. Their numbering system, is referred to as D-U-N-S (Data Universal Numbering System). The financial officer of your facility may be able to find your Dun & Bradstreet number. You may leave this blank if your company does not have a Dun & Bradstreet number.

b. Owner/Operator Name Section

- i. Name – Provide the name of the owner of the facility;
- ii. Phone – Provide the main phone number for the facility owner; and
- iii. Mailing Address, City, State, and Zip – Provide the mailing address for the facility owner.

c. Emergency Contacts Section

Provide the names of two individuals who can serve as emergency contacts for the facility on a 24 hour basis. Provide the names of these individuals along with telephone numbers that can be utilized to contact them during work hours and after work hours (24-hours). Please note 24-hour contact numbers will ONLY be used in the case of an emergency.

d. Reporting Period Section

This narrow section is between the top and bottom parts of the form (about 1/3 of the way down the form). Indicate the year for which the report applies. Note: reports due March 1, 2013, are for reporting period Jan 1 – Dec 31, 2012 (calendar year 2012).

e. Chemical Description Section

If you look closely at the bottom 3/4 of the Tier II form, you will notice each form is set up with spaces for reporting 3 different chemicals. Use more than one Tier II form if you need to report more than 3 chemicals.

- i. No change – Check this box if you received a pre-completed form, and you have no changes;
- ii. Not EHS – Below 10,000 lbs – Check this box if you report a chemical you store in an amount that falls below all thresholds. In other words, check this box if you are reporting on a voluntary basis (chemicals reported voluntarily do not count towards the fee);
- iii. Trade Secret – Check this box if the chemical you are reporting is a trade secret. Keep in mind that Tier II reports cannot be kept confidential, so if you do believe your product is a trade secret, call (800) 433-2288 to discuss your reporting options;
- iv. CAS # – The Chemical Abstract Service (CAS) number is an identifier assigned to each unique chemical. The number can contain up to 10 digits, and is divided by hyphens into three parts. Your CAS Number can be found on the Material Safety Data Sheet

(MSDS) for your chemical substance. If you do not have a MSDS, your supplier should be able to provide one to you upon request. If your product is a chemical mixture, it may not have a CAS number. In that case, enter the CAS number for the main ingredient or for the most hazardous ingredient listed in the MSDS;

- v. Chem Name – Provide the name of the chemical you are reporting;
- vi. Check all that apply –
 - Pure – Check this box if your chemical is a pure substance. A pure substance is something with one ingredient and the MSDS shows the ingredient to be 100% (or close to 100%) by volume;
 - Mix – Check this box if your chemical is a mixture, containing more than 1 ingredient;
 - Solid – Check this box if your chemical is a solid;
 - Liquid – Check this box if your chemical is a liquid;
 - Gas – Check this box if your chemical is a gaseous substance (example: propane); and
 - EHS – Check this box if your chemical is or contains a chemical on the Extremely Hazardous Substances (EHS) list. View the EHS list online (<http://denr.sd.gov/titleiii>).
- vii. EHS Name – Enter the EHS chemical name, if your chemical is or contains a chemical on the EHS list. View the EHS list online (<http://denr.sd.gov/titleiii>).

f. Physical and Health Hazards Section

This section of the form is set up with space for you to provide the physical and health hazards information for the chemicals you reported in the Chemical Description section (above). Look at your MSDS and look for information about health hazards. Some MSDS have a section towards the back (entitled Tier II or SARA or Title III) which tells you specifically which boxes to check. Check all that apply:

- Fire – Check the “Fire” box if the MSDS indicates the substance is flammable, a combustible liquid, is pyrophoric, is an oxidizer, etc.;
- Sudden Release of Pressure – Check the “Sudden Release of Pressure” box if the MSDS warns the product poses an explosive risk or is a compressed gas, etc.;
- Reactivity – Check the “Reactivity” box if the MSDS warns the product is unstable, reactive, water reactive, etc.;
- Acute – Check the “Acute” box; if the MSDS warns of a risk of burns or an immediate risk to health, or if the product is a strong acid, strong base, is corrosive, is an irritant, is toxic, etc.; and
- Chronic – Check the “Chronic” box if the MSDS indicates exposure may cause delayed or future impacts to health such as may cause cancer or some other delayed adverse effect.

g. Inventory Section

This section of the form is set up with space for you to provide information about the quantity of product stored (or in use) at the facility:

- i. Max Daily Amount 2-Digit Code – This code should represent the maximum amount of the chemical you stored on-site at any one time (combine amounts in all storage containers). Table 1 is a list of reporting ranges in pounds. Find your 2 digit code in this table.
- ii. Avg Daily Amount 2-Digit Code – This code should represent the average amount of the chemical you store on-site on an average day (combine amounts in all storage containers). Table 1 is a list of reporting ranges in pounds. Find your 2 digit code in this table.

Table I REPORTING RANGES

Range Value	Weight Range in Pounds			
01 =	0	to	99	Pounds
02 =	100	to	999	Pounds
03 =	1,000	to	9,999	Pounds
04 =	10,000	to	99,999	Pounds
05 =	100,000	to	999,999	Pounds
06 =	1,000,000	to	9,999,999	Pounds
07 =	10,000,000	to	49,999,999	Pounds
08 =	50,000,000	to	99,999,999	Pounds
09 =	100,000,000	to	499,999,999	Pounds
10 =	500,000,000	to	999,999,999	Pounds
11 =	1 billion	to	> 1 billion	Pounds

- iii. Actual No. of Days on Site – Enter the number of days the product is stored on-site.
- iv. Max Daily Amt – Enter the maximum amount of the chemical you store on-site at any one time (combine amounts in all on-site storage containers). This information is optional;
- v. Avg Daily Amt – Enter the average amount of the chemical you store on-site on an average day (combine amounts in all on-site storage containers). This information is optional; and
- vi. Max Container – Enter the size of the largest vessel in which the chemical is stored.

h. **Storage Codes & Locations Section**

This section of the form is set up for you to provide information about the storage location(s) and containers used at your facility. Note that there is room on the form for you to identify several different storage containers and locations for each different chemical you report:

- i. Cont Type – The codes for cont type (container type) are found in Table 2. Find the container(s) type that best matches your storage and enter the codes in the boxes provided. Note that there is room on the form for you to enter five different container types.

Table II - STORAGE TYPES

Codes	Types of Storage	
A =	Above ground tank	J = Bag
B =	Below ground tank	K = Box
C =	Tank inside building	L = Cylinder
D =	Steel drum	M = Glass bottles or jugs
E =	Plastic or non-metallic drum	N = Plastic bottles or jugs
F =	Can	O = Tote bin
G =	Carboy	P = Tank wagon
H =	Silo	Q = Rail car
I =	Fiber drum	R = Other

- ii. Storage Press Temp – The codes for storage Press (pressure) & Temp (temperature) are found in Table 3. Find the storage condition types that are applicable to your storage and enter the codes in the boxes provided.

Table III - PRESSURE AND TEMPERATURE CONDITIONS

Codes	Storage Conditions
<u>PRESSURE</u>	
1 =	Ambient pressure
2 =	Greater than ambient pressure
3 =	Less than ambient pressure
<u>TEMPERATURE</u>	
4 =	Ambient temperature
5 =	Greater than ambient temperature
6 =	Less than ambient temperature but not cryogenic
7 =	Cryogenic conditions

iii. Storage Locations – Describe where the storage vessel is located at the facility.

i. **Certification Section**

The owner, operator, or officially designated representative of the owner or operator must certify that all information included in the Tier Two submission is true, accurate, and complete. Enter the full name and official title of the signatory representative, then sign and date the form. Please also enter the total number of pages and check the boxes for “optional attachments” if you have included attachments. An original signature is required on at least the first page of the submission.

INSTRUCTIONS - REPORT USING TIER II SUBMIT SOFTWARE

If you choose to report utilizing the free EPA Tier II Submit software, follow the instructions in the EPA “Facility Submission Guide. The software and the guide are available on-line and may be accessed via a link from the state Title III webpage (<http://denr.sd.gov/titleiii>).

Switching over to reporting utilizing the software will be a bit of an adjustment. However, it can be a nice option because the software has built in functions to help you find numbers and codes such as the CAS # and the NAICS code. You are also able to validate/error check your report. Please note when the software asks for the South Dakota Payment #, you should enter a zero (0).

CONVERTING GALLONS TO POUNDS

You can use specific gravity to calculate the weight of a liquid product. The formula for doing so is Specific Gravity (SG) x 8.3 = pounds per gallon (see the following example).

Example (Determining the weight of 999 gallons of an example chemical product):

1. To determine the weight of the chemical, find the Specific Gravity (SG) on the MSDS. In this example we will assume the SG is 1.5.
2. Multiply the SG by 8.3 to get the pounds per gallon ($1.5 \times 8.3 = 12.5$ pounds per gallon).
3. Multiply 12.5 by 999 gallons to get the total weight ($12.5 \times 999 = 12,488$ pounds of product).

QUESTIONS AND ANSWERS

Why didn't I receive a fee form?

Please refer to the “Tier II Fee Section” of this reporting guide.

When is the Tier II report due?

Tier II Emergency and Hazardous Chemical Inventory Reports (Tier II Reports) must be submitted on an annual basis. Tier II reports for the 2012 calendar year are due by March 1, 2013.

May I submit electronically?

Yes. You are encouraged to consider using the EPA Tier II Submit Software to prepare your submittal. The software is free and may be downloaded to your personal computer. When you have entered your data, you can either print a paper report to mail to the state, or you can export the data and submit your report to the state via e-mail. There are advantages to preparing your report in this manner: 1) Your report may be more accurate as the software has some error checking features; and 2) Beginning in 2014, federally required nation-wide Tier II reporting requirements will change. The state will continue to accept both paper and electronic forms. However, it may not be possible to print pre-completed hard copy reports. If you continue to report using paper forms, you may need to fill out a new form each year. If you report utilizing the Tier II Submit software, you should be able to upload the prior year's data file, then simply make updates. A link to the Tier II submit software is available online (<http://denr.sd.gov/titleiii>).

What about mixtures (products that contain several different ingredients) ?

If a hazardous chemical is part of a mixture, you have the option of reporting either the weight of the entire mixture or just the weight of the hazardous chemical.

I store chemical at more than one facility. May I combine all storage and just submit one report?

No. You need to submit a separate report for each separate facility where you store reportable chemical. However, please note a facility divided by a public road or highway, with storage on opposite sides of the road, is still considered a single facility.

I received a pre-completed report. What am I supposed to do now?

If you submitted a hard copy report in the past, you may have received a pre-completed copy of this year's Tier II report (the 2012 report is due 3/1/2013). You are responsible for the accuracy of your submittal, so review the report for errors. When you find errors, cross them out and make changes using ink. Please note you are not required to use the pre-completed form:

- You may start over and fill out a completely new Tier II report form;
- You may submit an alternate type of hard copy Tier II form, as long as the alternate form is of a substantially similar format; or
- You may submit using the EPA Tier II Submit software (we encourage you to consider reporting in this manner). A link to the Tier II submit software is available on-line (<http://denr.sd.gov/titleiii>).

I did NOT receive a pre-completed report. What am I supposed to do now?

If you did not receive a pre-completed form, you may request a copy by calling (800) 433-2288. Please note you have several other options:

- You may fill out a completely new Tier II report form;
- You may submit an alternate type of hard copy Tier II form as long as the alternate form is of a substantially similar format; or
- You may submit using the EPA Tier II Submit software (we encourage you to consider reporting in this manner). A link to the Tier II submit software is available on-line (<http://denr.sd.gov/titleiii>).

Where can I get extra copies of the Tier II form?

Call Trish at 800-433-2288, make a request via e-mail (Trish.Kindt@state.sd.us), or go on-line (<http://denr.sd.gov/titleiii>) to print a copy.

DEFINITIONS/ACRONYMS

AST's: Aboveground Storage Tanks

CAS#: The Chemical Abstract Service number is a unique identifier that is assigned to each known chemical. You can find CAS #'s for your chemical or chemical mixture in the MSDS.

EHS (Extremely Hazardous Substances): An EHS is a substance considered to be acutely toxic. An EHS will have a low reporting threshold. To determine if your chemical is an EHS, and/or to find the reporting threshold for an EHS, go to the link on the South Dakota Title III webpage (<http://denr.sd.gov/titleiii>).

Hint # 1: Check the list of ingredients in your MSDS to see if your product contains an EHS ingredient.

Hint # 2: The reporting threshold on the EHS list is the Threshold Planning Quantity (TPQ) in pounds.

Help: Call Trish at (800) 433-2288 or send an e-mail to Trish.Kindt@state.sd.us.

MSDS (Material Safety Data Sheet): The Material Safety Data Sheet provides information about your chemical including ingredients, weight, and hazards posed. You should maintain a copy of the MSDS for each chemical you use or store on-site. Your supplier should be able to provide a copy upon request.

NAICS (The North American Industry Classification System Code): This code system is the standard used to classify business establishments for the purpose of comparing like sectors in the economy. If you do not know your NAICS code, you can search for it on-line at the NAICS website (<http://www.naics.com/search.htm>). Search using keywords or search using your SIC code. If you provided SIC codes and NAICS codes on prior Tier II submittals, the codes you provided will be printed on your pre-completed Tier II form.

SG (Specific Gravity): Relative density, or specific gravity, is the ratio of the density of a substance to the density of a given reference material. Specific gravity usually means relative density with respect to water. The density or specific gravity can be found on the MSDS. And can be used to calculate the weight of a product (see "Convert Gallons to Pounds" in this Reporting Guide).

SIC: The Standard Industrial Classification (SIC) code is method of classifying industries by type. The financial officer of your facility may be able to help you find your SIC code. If you cannot find your code, try looking it up online (<http://www.census.gov/epcd/www/sic.html>).

UST's: Underground Storage Tanks

List of SOME Common Tier II Reportable Products¹ and Reporting Thresholds²

NOTE - This is not a Complete List.

NOTE – Listed thresholds apply only if you have chosen to report product mixtures as a whole (rather than reporting separately for each hazardous chemical ingredient in the products you store). Thresholds differ if you choose to report by ingredient.

<u>PRODUCT/TRADE NAME</u>	<u>THRESHOLD</u>
2,4-D Herbicide	10,000 Pounds
Aatrex	10,000 Pounds
Acetylene	10,000 Pounds
Aldrin	500 Pounds
Ammonium Sulfate ¹	10,000 Pounds
Anhydrous Ammonia ¹	500 Pounds
Antifreeze	10,000 Pounds
Argon	10,000 Pounds
Atrazine Herbicide	10,000 Pounds
Aviation Fuel	10,000 Pounds
Aztec Insecticide	10,000 Pounds
Banvel Herbicide	10,000 Pounds
Battery Acid (Sulfuric Acid)	500 Pounds
Bicep Herbicide	10,000 Pounds
Bronate	10,000 Pounds
Buccaneer Herbicide	10,000 Pounds
Calcium Carbonate	10,000 Pounds
Callisto Herbicide	10,000 Pounds
Captan	10,000 Pounds
Carbon Dioxide	10,000 Pounds
Cement ¹	10,000 Pounds
Chlorine	100 Pounds
Clarity Herbicide	10,000 Pounds
Cornerstone Herbicide	10,000 Pounds
Counter (Terbufos)	100 Pounds
Crop Oil	10,000 Pounds
Define Herbicide	10,000 Pounds
Dicalcium Phosphate	10,000 Pounds
Dieldrin Insecticide	10,000 Pounds
Diesel fuel stored in ASTs ⁴	10,000 Pounds
Diesel fuel stored in USTs at facilities that do not have retail fuel sales ⁴	10,000 Pounds
Diesel fuel stored in USTs at a retail fuel station (no diesel storage in ASTs) ⁴	100,000 Gallons
Dual (Metolachlor)	10,000 Pounds
Dyfonate (Fonophos)	500 Pounds
Ethanol	10,000 Pounds
Extreme Herbicide	10,000 Pounds
Force Insecticide	10,000 Pounds
Fuel Oil (generator fuel, etc.)	10,000 Pounds
Furdan (Carbofuran) ³	10 Pounds/500 Pounds
Gasoline stored in ASTs ⁴	10,000 Pounds
Gasoline stored in USTs at facilities that do not have retail fuel sales ⁴	10,000 Pounds
Gasoline stored in USTs at a retail fuel station (no gas storage in ASTs) ⁴	75,000 Gallons
Gopha-Rid (Zinc Phosphide)	500 Pounds
Grain Dust ⁵	10,000 Pounds
Gramoxone (Paraquat) ³	10 Pounds/500 Pounds

Grazon Herbicide	10,000 Pounds
Harness Herbicide	10,000 Pounds
Heating fuel	10,000 Pounds
Hydrogen Chloride	500 Pounds
Kerosene	10,000 Pounds
Lannate-Nudrin (Methomyl)	500 Pounds
Liberty Herbicide	10,000 Pounds
Lorsban Insecticide (Dursban) - (chlorpyrifos)	10,000 Pounds
Lumax Herbicide	10,000 Pounds
LV-4	10,000 Pounds
Magnesium Oxide	10,000 Pounds
Methyl Ethyl Ketone	10,000 Pounds
Nemacur (Fenamiphos) ³	10 Pounds/500 Pounds
Nitric Acid	500 pounds
Nitrogen	10,000 Pounds
NUFOS	10,000 Pounds
Oil (Motor oil, lubricants, hydraulic oil, etc.)	10,000 Pounds
Outlook Herbicide	10,000 Pounds
Oxygen ¹	10,000 Pounds
Paint - most common paints ¹	10,000 Pounds
Parathion	100 Pounds
Paraquat Dichloride ³	10 Pounds/500 Pounds
Phosphoric Acid	10,000 Pounds
Phostoxin (Gastoxin, Fumatoxin) - (Phosphine)	500 Pounds
Potassium Chloride	10,000 Pounds
Potassium Permanganate	10,000 Pounds
Produced Hydrocarbons (Crude Oil)	10,000 Pounds
Propane	10,000 Pounds
Propylene	10,000 Pounds
Prowl Herbicide	10,000 Pounds
Ramik (diphacinone)	10 Pounds/500 Pounds
Rat Bait (Strychnine) ³	100 Pounds/500 Pounds
Roundup	10,000 Pounds
RT 3 Herbicide	10,000 Pounds
Seven (Carbaryl)	10,000 Pounds
Sodium Chloride	10,000 Pounds
Sulfuric Acid	500 Pounds
Sonalan Herbicide	10,000 Pounds
Surpass Herbicide	10,000 Pounds
Thimet (Phorate)	10 Pounds
Thiodan (Endosulfan) ³	10 Pounds/500 Pounds
Toluene	10,000 Pounds
Touchdown Herbicide	10,000 Pounds
Treflan Herbicide	10,000 Pounds
Warfarin	500 pounds
Widematch Herbicide	10,000 Pounds

¹ Certain products are exempted from reporting depending upon packaging or use, etc. See the "Exclusions" section of this Reporting Guide.

² When reporting chemical products that are mixtures, you have the option of reporting the weight of the entire mixture or reporting separately, the weight of each hazardous ingredient.

³ This product has a low threshold for liquids or powders with a particle size of <100 microns. The higher threshold is for all other formulations.

⁴ AST refers to Aboveground Storage Tanks and UST refers to Underground Storage Tanks. The threshold for biodiesel is the same as for regular diesel. The threshold for 10% ethanol blends with is the same as for regular gasoline.

⁵ One method for estimating weight is to take one tenth of one percent of the weight of the grain.