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Emergency Planning and Community Right to Know of 1986 SARA Title III Emergency Planning Requirements

Michigan State University Extension Service

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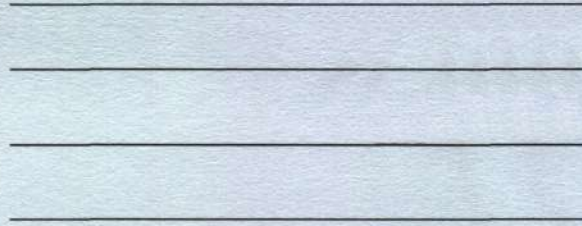
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16 pages

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**EMERGENCY PLANNING AND
COMMUNITY RIGHT-TO-KNOW OF 1986**

SARA Title III

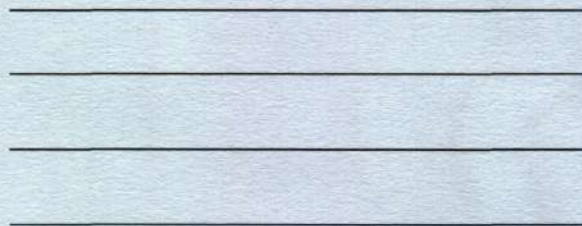
EMERGENCY PLANNING REQUIREMENTS

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A cooperative effort between:
Michigan State University Extension
and
The Michigan State Police Emergency Management Division
May 1995



SPILL OR RELEASE REPORTING FLOW CHART

Is the chemical released an Extremely Hazardous Substance (EHS) or a CERCLA Reportable Quantity (RQ)?
(See Tables 1 and 2.)

Yes

No

Check with state authorities
for state laws.

- No SARA/CERCLA reporting.
- Proceed with appropriate cleanup.

Does the amount spilled or released
equal or exceed the Reportable
Quantity (RQ)?

Yes

No

REPORT SPILL OR RELEASE TO:

- National Response Center — 1-800-424-8802.
- Department of Natural Resources (PEAS) — 1-800-292-4706.
- Local Emergency Planning Committee

Submit written follow-up reports (Form A) to LEPC & SERC.

INTRODUCTION

This bulletin is designed to help farmers comply with SARA Title III requirements. Use this bulletin to determine whether your farm has Extremely Hazardous Substances (EHS) in quantities requiring reporting and follow the guidelines to fulfill your legal obligations under SARA Title III.

GUIDELINES FOR USING THIS BULLETIN

- Read pages 3-4 to understand SARA Title III and your reporting responsibilities.
- Check the table of Extremely Hazardous Substances beginning on page 9.
- If you use or store Extremely Hazardous Substances (EHS) at or above the Threshold Planning Quantity (TPQ), fill out pages 5, 6, 7 and 8 and send to your Local Emergency Planning Committee (LEPC). The LEPC address is available from your local MSU Extension office.
- Fill out the postcards and send them to the appropriate agencies.
- File the remainder of this bulletin for future reference and access to Reportable Quantity (RQ) information, emergency telephone numbers and reporting forms (Form A) in the event of a spill or release.

The information you supply will be used to prepare emergency response plans for use by fire and other responders in case of an accident involving Extremely Hazardous Substances (EHS) or other chemicals of concern.

WHAT IS SARA TITLE III?

The Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), the original Superfund act, was passed by Congress in 1980 to clean up the nation's hazardous waste sites. In response to continuing community concern about hazardous materials and chemical release tragedies such as the incident in Bhopal, India, a reauthorization and expansion of Superfund was signed into law October 17, 1986. It is known as the Superfund Amendments and Reauthorization Act (SARA). Title III of SARA created a new nationwide program known as the Emergency Planning and Community Right-to-Know Act (EPCRA).

WHAT IS THE PURPOSE OF SARA TITLE III?

The law was designed to improve local hazardous materials emergency response capabilities and provide the public with information about hazardous and toxic chemicals in their community.

SARA Title III:

- Requires communities to develop emergency plans to protect themselves from chemical accidents.
- Gives citizens the right to know about hazardous chemicals stored and released in their community.

SARA Title III is divided into the following sections:

- Emergency Planning and Facility Notification (Sections 301-303).
- Emergency Notification (Section 304).
- Community Right-to-Know Reporting Requirements (Sections 311-312). Sections 311-312 apply to businesses but exempts substances and fertilizers used in routine agricultural operations.
- Toxic Release Inventory Reporting (Section 313). Section 313 applies only to manufacturers.

WHAT ARE THE STATE AND COMMUNITY RESPONSIBILITIES UNDER SARA III?

The governor appoints a State Emergency Response Commission (SERC). The SERC then appoints and coordinates Local Emergency Planning Committees (LEPCs). LEPCs are established in every county. The LEPC is made up of volunteers from your community who are working to protect the health and welfare of the local public. These committees are responsible for developing a comprehensive hazardous materials emergency response plan for all facilities and farms that need one. The plan should identify the facility, emergency response and notification procedures, training programs and evacuation plans.

WHAT ARE YOUR RESPONSIBILITIES UNDER SARA TITLE III?

SARA Title III requires you, the farmer, to do three things:

- 1. Report stored chemicals.** You must report to the State Emergency Response Commission (SERC - DNR) and the Local Emergency Planning Committee (LEPC) the fact that you have on site certain substances, called Extremely Hazardous Substances (EHS), many of which are pesticides. (See Table 1, page 9. If you cannot find the pesticides you use on this list, contact your LEPC.) Each chemical has a Threshold Planning Quantity (TPQ). If you have this chemical at or above this quantity, you must report. This requirement is in effect even if you have the chemical on site for only a few hours. **Use the enclosed postcards for reporting.** After reporting, your farm site will appear on the Emergency Planning and Facility Notification list (Section 302) if SARA Title III applies to your farm. The postcards can also be used to remove your farm from this list if SARA Title III no longer applies to your farm.
- 2. Provide information to the LEPC.** Once you report the fact that you have Extremely Hazardous Substances (EHS), the Local Emergency Planning Committee (LEPC) is required to develop an off-site emergency response plan for your farm. This plan helps protect the community if you have a spill, fire or release. You must help them to do this by providing the information on pages 5, 6, 7 and 8. The planning is intended to be a cooperative effort, with a plan developed that will be useful to you and to the emergency responders. If requested, the LEPC will give you a copy of the finished plan. It will provide good information for you to use in case of emergency. It will also provide information on what the community responders will do and how your neighbors will be protected.
- 3. Report spills.** Whether or not you are required to report to the LEPC and SERC for Threshold Planning Quantities, if you have a spill or release at or above the Reportable Quantity (RQ), you are required to notify federal, state and local authorities. RQs are listed in Tables 1 and 2 (pages 9-14). Form A on page 15 gives more information on what needs to be reported. **NOTE:** Routine agricultural applications of pesticides, fertilizers and anhydrous ammonia are *not* considered spills or releases.

WHAT MUST YOU DO TO COMPLY WITH SARA TITLE III?

a. Planning notification

1. Determine whether you are covered by SARA Title III. Use the postcards provided within this publication to notify the State Emergency Response Commission (SERC) and your Local Emergency Planning Committee (LEPC). Put a check by the appropriate line.
2. Fill out pages 5, 6, 7 and 8 if you have or will have **any of the chemicals at or above the Threshold Planning Quantity (TPQ)** included on the list of Extremely Hazardous Substances (EHS) (Table 1, pages 9-12).
3. Send pages 5, 6, 7 and 8 to your Local Emergency Planning Committee (LEPC). Keep a copy for your reference.
4. Determine the name and telephone number for your LEPC and insert on page 14 under LEPC emergency coordinator.

b. Chemical release notification

Immediate and follow-up reporting of spills or releases is required when the product is a Hazardous Substance or an Extremely Hazardous Substances (EHS) and the spill or release is at or above the Reportable Quantity (RQ). See Table 1 and Table 2 (pages 9-14) for Reportable Quantity (RQ) amounts.

1. Report spills or releases immediately to:
 - The Local Emergency Planning Committee (LEPC) emergency coordinator.
 - The Pollution Emergency Alerting System (PEAS:MDNR) - 1-800-292-4706.
 - The National Response Center - 1-800-424-8802.

Form A (page 15) lists the information that will be required when you call.

2. A written follow-up report is also required to be submitted to the Local Emergency Planning Committee (LEPC) and the State Emergency Response Commission (SERC). Fill out Form A completely and **send a copy to the LEPC and the SERC.**



I. Facility Information

Complete one form for each chemical storage site address.

Date: _____

Farm name: _____

Contact person's name: _____

Contact person's address: _____

Contact person's 24-hour telephone number:
(days) _____ (evenings) _____

Contact person's fax number: _____

Fire department name (if known): _____

Fill in the following ONLY IF it differs from above.

Owner's name: _____

Owner's address: _____

Owner's telephone number: _____

Owner's fax number: _____

Chemical storage site address: _____

Township: _____

Nearest crossroads: _____ and _____

Return this page to the LEPC.



II. MAP

In the space provided, map the farmstead (or other part of the farm where chemicals are stored) and label the parts. Please include:

● Building locations.

- ◆ Barn.
- ◆ House.
- ◆ Main outbuildings.
- ◆ Silos.
- ◆ Manure pits.

● Chemical storage locations (identify where chemicals are stored at these locations).

● Fuel storage tanks (include size and contents).

● Geographical and environmental features near or adjacent:

- ◆ Nearby roads and crossroads.
- ◆ Wells and/or municipal water supply.
- ◆ Surface drainage direction.
- ◆ Gates.
- ◆ Wetlands.
- ◆ Drainage ditches.
- ◆ Driveways and lanes.
- ◆ Culverts.
- ◆ Fences.
- ◆ Storm drains.
- ◆ Rivers.
- ◆ Lakes.
- ◆ Ponds.
- ◆ Streams.

Return this page to the LEPC.



III. FARM RESPONSE PROCEDURES

Indicate the procedures that will be followed in the event of a chemical release:

How will farm personnel determine if there is a chemical release? (Check all that apply.)

- Sound, Sight, Smell, Routine inspection, Other (please describe)

What steps will farm personnel take if a chemical release is detected? (Check all that apply.)

- Notify supervisor, Notify appropriate authorities, Use containment and other control methods, Carry out evacuation and other protective measures, Other (please describe)

What resources are available on the farm that could be used in the event of a chemical release? (Check all that apply.)

- None, Water source, Shovels, Fire extinguisher, Tractor, Spill kit, Personnel with special training, Personal protective equipment, Other (please describe)

Largest number of workers on the farm, including family members, at any one time:

Cleanup contractor - It is the spiller's responsibility to clean up a spill. A contractor should be identified from the Yellow Pages (see: Environmental Service or Waste), the LEPC, the MDNR or other contacts.

Contractor's name: Phone#

Address:

Chemical information — Material Safety Data Sheets (MSDS) for each chemical at or above the Threshold Planning Quantity (TPQ) must be available. MSDS can be obtained from dealers and manufacturers. Describe where this information is kept and how it can be accessed for use.

Routes used to transport Extremely Hazardous Substances (EHS) - Name the public roads or highways that would normally be used to transport hazardous substances to or from the farm.

Return this page to the LEPC



IV. CHEMICAL INFORMATION

Fill in the chart below using the information in Table 1 (pages 9-12) to assist you. In Table 1, locate the chemicals/products that you have on the farm or anticipate having on the farm this year, even for a day or less.

1. If you have on hand the quantity (or greater amounts) listed under "Product Threshold Planning Quantity (TPQ)" or will have the TPQ (or greater amounts) at any time during the coming year, fill in the information asked for in the chart below.
2. If you have different product names or formulations of the Extremely Hazardous Substances (EHS) listed in Table 1, add the names of those products to the chart below also.

The LEPC will determine if they are subject to planning and if they are at or above the Threshold Planning Quantity (TPQ).

3. In the "Maximum pounds or gallons" column, indicate the largest quantity of that chemical that you have on your farm or anticipate having this year.
4. Under "Season(s) on-hand", indicate what season(s) this chemical will be on the farm by placing an SP for spring, S for summer, F for fall, W for winter and/or YR for year round. Indicate all that apply.

Return this page to the LEPC.



Product name (formulation)	Maximum pounds or gallons	Season(s) on-hand

TABLE 1: EXTREMELY HAZARDOUS SUBSTANCES (EHS), THRESHOLD PLANNING QUANTITIES (TPQ) AND REPORTABLE QUANTITIES (RQ).

The following table lists the most commonly used pesticides on the EPA's list of Extremely Hazardous Substances (EHS) and their Threshold Planning Quantities (TPQ). IF YOU HAVE FORMULATIONS OF THE EXTREMELY HAZARDOUS SUBSTANCES (EHS) THAT DO NOT APPEAR IN TABLE 1, RECORD THESE FORMULATIONS ON PAGE 8 FOR VERIFICATION BY THE LOCAL EMERGENCY PLANNING COMMITTEE (LEPC).

PRODUCT NAME (FORMULATION)

This list is alphabetical by the product's trade or brand name.

CHEMICAL NAME (EHS) (active ingredient)

This is the chemical name of the Extremely Hazardous Substance (EHS) in the product.

PRODUCT THRESHOLD PLANNING QUANTITY (TPQ)

Quantities in this column were calculated for the product as purchased, given that usually only a percentage of the product is an Extremely Hazardous Substance (EHS). Therefore, the farm must have the amount of product listed in this column on hand or expects to have it on hand in the

coming year for the farm to be subject to the reporting and planning requirements.

PRODUCT REPORTABLE QUANTITY (RQ): FOR SPILL OR RELEASE

If the quantity in this column (or a greater amount) is spilled or released, it must be reported immediately to the Local Emergency Planning Committee (LEPC), the Pollution Emergency Alerting System and the National Response Center (telephone numbers can be found on page 14). A written follow-up report must also be submitted (see Form A, page 15). Routine agricultural application of these products is not considered a spill or release. (See fact sheet, page 16.)

NOTE: Several products in the table are discontinued or canceled (indicated by ¹). If you have any of these discontinued or canceled products, contact your LEPC for direction. There may also be other product names or formulations of the Extremely Hazardous Substances (EHS) that have not been included in Table 1 or Table 2. If these products are being stored and their active ingredient(s) are listed in Table 1, the products should be included on page 8.

Table 1. SARA Title III Extremely Hazardous Substances (EHS), Threshold Planning Quantities (TPQ) and Reportable Quantities (RQ).

Product name (formulation)	Chemical name (EHS) (active ingredient)	Product Threshold Planning Quantity (TPQ)	Product Reportable Quantity (RQ) for spill or release
5 lb Dimethoate	dimethoate	100 gal	2 gal
Acti-dione ¹	cycloheximide		
Agrox D-L Plus	lindane	4000 lb	4 lb
Anhydrous Ammonia	ammonia	97 gal	19 gal
Aqualin ¹	acrolein		
Avitrol Control of Gulls	pyridine, 4-amino-	2000 lb	4000 lb
Azinphos-M 50W	azinphos-methyl	20 lb	2 lb
Azinphosmethyl 50W	azinphos-methyl	20 lb	2 lb
Azodrin ¹	monocrotophos		
Brom-o-gas	methyl bromide	1020 lb	1020 lb
Calo-chlor	mercuric chloride	833 lb	1.7 lb
Carbolic Acid ¹	phenol		
Carbon Disulfide ¹	carbon disulfide		
Carzol SP Miticide/Insecticide	formetanate hydrochloride	543 lb	1 lb
Chipco Mocap 5G	ethoprophos	20,000 lb	20 lb
Chlordane ¹	chlordane		
Clean Crop Methyl Parathion	methyl parathion	25 gal	25 gal
Clean Crop Dimethoate 400	dimethoate	125 gal	2.5 gal
Clean Crop Sniper 2-E Azinphos-methyl	azinphos-methyl	5 gal	0.5 gal
Co-Ral	coumaphos	5000 lb	500 lb
Co-Ral 1% Dust	coumaphos	10,000 lb	1000 lb

Table 1. (Continued)

Product name (formulation)	Chemical name (EHS) (active ingredient)	Product Threshold Planning Quantity (TPQ)	Product Reportable Quantity (RQ) for spill or release
Counter 20CR	terbufos	500 lb	5 lb
Counter 15G	terbufos	667 lb	6.7 lb
Crusade 5G Granular Insecticide	fonofos	10,000 lb	20 lb
Cycocel Plant Growth Regulant	chlormequat-chloride	100 gal	1 gal
Cygon 2E	dimethoate	250 gal	5 gal
Cygon 400	dimethoate	125 gal	2.5 gal
Dasanit ¹	fensulfothion		
Di-Syston 8	disulfoton	62.5 gal	0.125 gal
Di-Syston 15G	disulfoton	3333 lb	6.7 lb
Dimethoate 400	dimethoate	125 gal	2.5 gal
Dimethoate 4EC	dimethoate	125 gal	2.5 gal
Dimethoate 2.67 EC	dimethoate	187 gal	3.7 gal
Dinitro ¹	dinoseb		
Drexel Lindane 20%	lindane	606 gal	0.6 gal
Dyanap ¹	dinoseb		
Dyfonate 4EC	fonofos	125 gal	0.25 gal
Dyfonate II 20G	fonofos	2500 lb	5 lb
Dyfonate II 15G	fonofos	3333 lb	6.7 lb
Dyfonate II 10G	fonofos	5000 lb	10 lb
Dyfonate 10G	fonofos	5000 lb	10 lb
Edge Insecticide-Herbicide	fonofos	500 gal	1 gal
Endosulfan 50W	endosulfan	20 lb	2 lb
Endosulfan 3EC	endosulfan	3.3 gal	0.33 gal
Endrin ¹	endrin		
Fulex Nicotine Fumigator	nicotine	714 lb	714 lb
Fulex Dithio Insecticidal Smoke	sulfotep	3571 lb	714 lb
Fumitoxin	aluminum phosphide	909 lb	181 lb
Furadan 15G	carbofuran	66,667 lb	67 lb
Furadan 4F	carbofuran	2.5 gal	2.5 gal
Gastoxin Fumigation	aluminum phosphide	877 lb	175 lb
Germate Plus	lindane	4000 lb	4 lb
Gramoxone Extra	paraquat	4 gal	0.4 gal
Grandslam 75WP	methiocarb	667 lb	13.3 lb
Guthion 2S	azinphos-methyl	5 gal	0.5 gal
Guthion 3 Flowable	azinphos-methyl	3.3 gal	0.33 gal
Guthion 35 WP	azinphos-methyl	28.5 lb	2.8 lb
Guthion 50 WP	azinphos-methyl	20 lb	2 lb
Holdem Insecticide-Nematicide	ethoprophos	10,000 lb	100 lb
Holdem Insecticide-Nematicide	phorate	100 lb	100 lb
Imidan 50WP	phosmet	20 lb	2 lb
Imidan 70WP	phosmet	14.3 lb	1.4 lb
Isotox Seed Treater	lindane	4000 lb	4 lb
Isotox Wettable 25	lindane	4000 lb	4 lb
Kickstart	lindane	4000 lb	4 lb
Lannate L	methomyl	278 gal	56 gal
Lannate	methomyl	556 lb	111 lb
Lannate LV	methomyl	208 gal	41.6 gal

Table 1. (Continued)

Product name (formulation)	Chemical name (EHS) (active ingredient)	Product Threshold Planning Quantity (TPQ)	Product Reportable Quantity (RQ) for spill or release
Lindane 25 Planter Box Seed Treater	lindane	4000 lb	4 lb
Magnicide B	acrolein	77 gal	0.15 gal
Mainstay 2G	fonofos	25,000 lb	50 lb
Mesurol 75WP	methiocarb	667 lb	13.3 lb
Metasystox-R	demeton-S-methyl	250 gal	0.5 gal
Mocap EC	ethoprop	167 gal	0.16 gal
Mocap 15G	ethoprop	6667 lb	6.7 lb
Mocap 5G	ethoprop	20,000 lb	20 lb
Mocap 10G	ethoprop	10,000 lb	10 lb
Monitor 4	methamidophos	25 gal	0.25 gal
Nemacur 15G	fenamiphos	66,667 lb	6.7 lb
Nemacur 3	fenamiphos	3.3 gal	0.33 gal
Nemacur 10G	fenamiphos	100,000 lb	10 lb
Nicotine Smoke Generator	nicotine	714 lb	714 lb
Nicotine Sulfate ¹	nicotine sulfate		
Oxamyl 10G	oxamyl	100,000 lb	10 lb
Paraspray 6-3	methyl parathion	33.3 gal	33.3 gal
Paraspray 8-E	ethyl parathion	12.5 gal	1.25 gal
Paraspray 4-E	ethyl parathion	25 gal	2.5 gal
Paraspray 8 Aqua	ethyl parathion	12.5 gal	1.25 gal
Paraspray 8-F	ethyl parathion	12.5 gal	1.25 gal
Paraspray 6-3	ethyl parathion	16.7 gal	1.7 gal
Parathion 25WP	ethyl parathion	400 lb	40 lb
Parathion 15WP	ethyl parathion	667 lb	67 lb
Parathion 8 Aqua	ethyl parathion	12.5 gal	1.25 gal
Parathion 8E	ethyl parathion	12.5 gal	1.25 gal
Penncap-M	methyl parathion	50 gal	50 gal
Pestroy 4EC	fenitrothion	125 gal	0.25 gal
Pestroy 8EC	fenitrothion	62.5 gal	0.125 gal
Phaser 50WP	endosulfan	20 lb	2 lb
Phaser 3EC	endosulfan	3.33 gal	0.33 gal
Phorate 20G	phorate	50 lb	50 lb
Phosdrin IPA4	mevinphos	143 gal	2.9 gal
Phosdrin 4EC	mevinphos	139 gal	2.8 gal
Phosphamidon	phosphamidon	13 gal	0.125 gal
Phostox Fumigation Pellets	aluminum phosphide	833 lb	167 lb
Phostoxin	aluminum phosphide	909 lb	181 lb
Plantfume 103 Smoke Generator	sulfotep	3333 lb	667 lb
Premerge ¹	dinoseb		
Prentox 20 Lindane	lindane	613 gal	0.6 gal
Rampart 10G	phorate	100 lb	100 lb
Rid-A-Bird ¹	endrin		
Seed Mate Isotox Seed Treater	lindane	4000 lb	4 lb
Sumithion ¹	fenitrothion		
Supracide 25WP	methidathion	2000 lb	4 lb
Supracide 2E	methidathion	250 gal	0.5 gal
Systox ¹	demeton		

Table 1. (Continued)

Product name (formulation)	Chemical name (HS) (active ingredient)	Product Threshold Planning Quantity (TPQ)	Product Reportable Quantity (RQ) for spill or release
Temik 15G	aldicarb	66,667 lb	6.7 lb
Temik 10G	aldicarb	100,000 lb	10 lb
Tenoran ¹	chloroxuron		
Terr-o-gas 98	methyl bromide	1020 lb	1020 lb
Terr-o-gas 67	methyl bromide	1493 lb	1493 lb
Thimet 20G	phorate	50 lb	50 lb
Thimet 15G	phorate	67 lb	67 lb
Thiodan Cottonseed Oil	endosulfan	5 gal	0.5 gal
Thiodan 3EC	endosulfan	3.3 gal	0.33 gal
Thiodan 50 WP	endosulfan	20 lb	2 lb
Toxaphene ¹	camphechlor		
Trithion ¹	carbophenothion		
Vapona Concentrate Insecticide	dichlorvos	258 gal	2.6 gal
Vinco Formaldehyde Solution	formaldehyde	500 lb	100 lb
Vorlex	methyl isothiocyanate	296 gal	0.6 gal
Vydate L	oxamyl	56 gal	0.5 gal
Zectran ¹	mexacarbate		

¹ These products are cancelled or discontinued. Contact LEPC for direction.

**Table 2. CERCLA Reportable Quantities (RQ).
USE FOR SPILLS AND RELEASES ONLY.**

Products in this table do not require reporting if stored but do require reporting if spilled or released in amounts equal to or greater than the amount in the RQ column.

Product name (formulation)	Chemical name (HS) (active ingredient)	Product Reportable Quantity (RQ) for spill or release
50% Malathion	malathion	200 lb
Banvel	dicamba	250 gal
Banvel 520	dicamba	1000 gal
Broadstrike + Treflan	trifluralin	0.3 gal
Captan 10 Potato Seed Protectant	captan	102 lb
Captan 4L	captan	2.5 gal
Captan 80W	captan	12.5 lb
Captan 50W	captan	20 lb
Captan 7.5 Dust	captan	136 lb
Captan-Streptomycin 7.5	captan	136 lb
Carbaryl 50WP	carbaryl	200 lb
Carbaryl 90DF	carbaryl	111 lb
Carbaryl 80S	carbaryl	125 lb
Carbaryl 4L	carbaryl	25 gal
Casoron 10G	dichlobenil	1000 lb
Casoron 4G	dichlobenil	2500 lb
Casoron 50W	dichlobenil	200 lb
Chlorpyrifos 2E	chlorpyrifos	0.5 gal
Chlorpyrifos 4E	chlorpyrifos	0.25 gal
Clean Crop Butyl 6 Ester	2,4-D ester	17.7 gal

Table 2. (Continued)

Product name (formulation)	Chemical name (HS) (active ingredient)	Product Reportable Quantity (RQ) for spill or release
Commence Herbicide	trifluralin	0.33 gal
Crossbow	2,4-D ester	50 gal
Cythion ULV	malathion	10.2 gal
Cythion Insecticide	malathion	10.7 gal
D-Z-N 2.0 M.E.C.	diazinon	0.5 gal
Diazinon 14G	diazinon	7 lb
Diazinon AG500	diazinon	0.25 gal
Diazinon 50W	diazinon	2 lb
Dibrom 8 Emulsive	naled	1.25 gal
Dicofol 4 EC	dicofol	2.5 gal
Diquat	diquat	500 gal
Direx 80DF	diuron	125 lb
Direx 4L	diuron	25 gal
Diuron 80W	diuron	125 lb
Diuron 4L	diuron	25 gal
Dylox 6.2 Granular	trichlorfon	1612 lb
Dylox 80WP	trichlorfon	125 lb
Fyfanon ULV	malathion	10.2 gal
Karmex DF	diuron	125 lb
Kelthane 50	dicofol	20 lb
Kelthane MF	dicofol	2.5 gal
Kelthane 35	dicofol	28.6 lb
Knox Out 2 FM	diazinon	0.5 gal
Krovar DF	diuron	250 lb
Lorsban 4E	chlorpyrifos	0.25 gal
Lorsban 15G	chlorpyrifos	6.7 lb
Lorsban 50W	chlorpyrifos	2 lb
Malathion 5EC	malathion	20 gal
Malathion 25WP	malathion	400 lb
Malathion 57 EC	malathion	20 gal
Malathion 8 EC	malathion	12.5 gal
Methoxychlor 2 EC	methoxychlor	0.5 gal
Methoxychlor Emulsion	methoxychlor	0.5 gal
Omite 6E	propargite	1.7 gal
Omite-CR	propargite	33.3 lb
Ornamite	propargite	33.3 lb
Passport Herbicide	trifluralin	0.42 gal
PCNB 10G	PCNB	1000 lb
PCNB 75WP	PCNB	133.3 lb
PCNB 10% Granules	PCNB	1000 lb
Proxol 80 SP	trichlorfon	125 lb
Pyrethrin Crop Spray	pyrethrin	2 gal
Ridomil PC 11G	PCNB	1000 lb
Ridomil PC Granular	PCNB	10,000 lb
Rootone F Rooting Hormone	thiram	250 lb
Salute 4EC	trifluralin	0.4 gal
Sevin 4 Oil	carbaryl	25 gal

Table 2. (Continued)

Product name (formulation)	Chemical name (HS) (active ingredient)	Product Reportable Quantity (RQ) for spill or release
Sevin 50W	carbaryl	200 lb
Sevin 80S	carbaryl	125 lb
Sevin XLR	carbaryl	25 gal
Sevin Brand ULV Carbaryl	carbaryl	25 gal
Sevin 4F	carbaryl	25 gal
Slam	carbaryl	769 lb
Sodium Hypochlorite 12.5%	sodium hypochlorite	80 gal
Team 2G	trifluralin	50 lb
Telone C-17	1,3-dichloropropene	12 gal
Telone II Soil Fumigant	1,3-dichloropropene	106 lb
Terraclor 75WP	PCNB	133 lb
Terraclor 2 EC	PCNB	50 gal
Terraclor Flowable	PCNB	25 gal
Terraclor 10% Granular	PCNB	1000 lb
Thiram 50WP	thiram	20 lb
Thiram 75WP	thiram	13.3 lb
Thiram 65W	thiram	15.4 lb
Treflan EC	trifluralin	0.25 gal
Treflan 5G	trifluralin	20 lb
Treflan 5 Herbicide	trifluralin	0.2 gal
Trifluralin 4	trifluralin	0.25 gal
Trilin	trifluralin	0.25 gal
Turflon D	2,4-D ester	50 gal
Vitavax-200 Flowable Fungicide	thiram	5.9 gal
Vorlex Soil Fumigant	1,3-dichloropropene	30 gal
Weedone DPC	2,4-D ester	54 gal
Weedone LV4	2,4-D ester	26.3 gal
Weedone LV6	2,4-D ester	17.5 gal
Weedone 638	2,4-D ester	35.7 gal

TELEPHONE NUMBERS NEEDED FOR SARA TITLE III REPORTING

LEPC emergency coordinator

Name: _____

Telephone number: _____

Pollution Emergency Alerting System (a 24-hour toll-free telephone number administered by the Michigan Department of Natural Resources to be used for reporting pollution emergencies):

1-800-292-4706

National Response Center (the 24-hour report processing and response coordination center that the federal government has established):

1-800-424-8802

SOURCES OF INFORMATION FOR SARA TITLE III REPORTING REQUIREMENTS

County Extension office.

Local emergency coordinator.

Department of Natural Resources
Environmental Assistance Division:
1-517-373-8481.

EPA EPCRA hotline can be called for questions about specific chemicals/products:
1-800-535-0202.

FORM A

Instructions for Reporting Spills
Emergency Notification Form (Section 304)

The Emergency Notification Form (Section 304) is to be filled out after a spill or release and to be used as a guide when calling:

- 1. Your Local Emergency Planning Committee (LEPC) coordinator.
2. The State Emergency Response Commission (SERC).
3. The National Response Center.

(Phone numbers are on page 14.)

This form (lines 1-11) is designed to assist you when providing information verbally.

Send a completed copy of this notification form (including line 12) to your LEPC and the SERC. Keep a copy for yourself. Notification is to occur immediately after the release or spill.

Verbal information:

- 1. Chemical name(s) of all substances spilled or released:

Blank lines for entering chemical names.

- 2. List any of the chemicals spilled or released that are Extremely Hazardous Substances (EHS) or Hazardous Substances (HS):

Blank lines for listing hazardous substances.

- 3. Estimate of the amount of Extremely Hazardous Substance(s) (EHS) or Hazardous Substance(s) (HS) released:

Blank lines for estimating the amount of substances released.

- 4. Date and time of the spill or release:

Blank lines for date and time.

- 5. Duration of the spill or release:

Blank lines for duration.

- 6. Location of the spill or release:

Blank lines for location.

- 7. Where did the spilled or released materials go:

air land water (check appropriate ones)

- 8. Any known or expected health risks associated with the release and, where appropriate, advice regarding medical attention for exposed individuals:

Blank lines for health risks and medical advice.

- 9. Is there any potential for the material to have effects off your property? If so, where?

Blank lines for potential effects on property.

- 10. Were any public protection actions taken, such as evacuation?

Blank lines for public protection actions.

- 11. Name and telephone number of contact person:

Blank lines for contact person information.

ADDITIONAL FOLLOW-UP INFORMATION:

- 12. Actual response action:

Blank lines for actual response action.

Anhydrous Ammonia Fact Sheet

Anhydrous ammonia, a chemical commonly used as fertilizer on the farm, can be extremely dangerous to human health. This fact sheet will describe general symptoms of exposure and reporting requirements under SARA Title III.

Anhydrous ammonia is a colorless, combustible gas with explosive potential. The penetrating, pungent odor can be detected at levels as low as 5 parts per million. Both the vapor and the liquid are dangerous. Contact with a low concentration of vapor can cause eye irritation and irritation to the respiratory tract. High concentrations of vapor can cause eye inflammation, laryngitis, a feeling of suffocation and fluid buildup in the lungs that can be fatal. Contact with the liquid can cause skin irritation or severe skin or eye burns. If exposed, flush skin and eyes with water immediately. The Material Safety Data Sheet (MSDS) for anhydrous ammonia provides a complete list of the health hazards. MSDS may be obtained from anhydrous ammonia dealers and manufacturers.

Always wear personal protective equipment such as a respirator with an ammonia-type cartridge and goggles with a face shield when handling anhydrous ammonia.

REPORTING REQUIREMENTS FOR STORAGE AND USE

Anhydrous ammonia is classified as an Extremely Hazardous Substance (EHS) under SARA Title III (Section 302). The Threshold Planning Quantity (TPQ) is 500 pounds of active ingredient or approximately 97 gallons of anhy-

drous ammonia as used for agricultural purposes. If you have on site or store this amount or more at any time during the year, you are required to report. **There is no exemption for short-term storage – you must report quantities at or above the TPQ even if the substance is on the site only during the application.** Fulfill your reporting requirements by returning the enclosed postcards and fill out and return pages 5, 6, 7 and 8 of this bulletin to the Local Emergency Planning Committee (LEPC).

REPORTING REQUIREMENTS FOR SPILLS OR RELEASES

NOTE: Routine agricultural application of anhydrous ammonia is not considered a spill or release.

In the event of a spill or release, the Reportable Quantity (RQ) for anhydrous ammonia is 100 pounds of active ingredient or approximately 19 gallons of anhydrous ammonia as used for agricultural purposes. If a quantity equal to or more than 19 gallons is accidentally released (e.g., the nurse tank malfunctions or the hose disconnects and the contents of the tank are released), immediate contact (within 15 minutes) must be made with the Local Emergency Planning Coordinator (LEPC), the Pollution Emergency Alerting System and the National Response Center. Telephone numbers are found on page 14. A follow-up written report (use Form A, page 15) must be submitted to the LEPC and the State Emergency Response Committee (SERC).



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