

UPDATE ON THE PESTICIDE RULE

EFFECTIVE FEBRUARY 24, 2023

SECTION 11. TRANSPORTATION AND STORAGE OF PESTICIDES

Matt Wood, PHARM Specialist

11.01 Transportation...of Pesticides

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(a) To prevent any discharges, applicators and dealers shall ensure:

11.01 Transportation...of Pesticides

(a) To prevent any discharges, applicators and dealers shall ensure:

- (1) containers are secured during transportation so they may not shift, become punctured, or otherwise compromised;



11.01 Transportation...of Pesticides

(a) To prevent any discharges, applicators and dealers shall ensure:

- (1)...
- (2) vehicles owned, leased, rented, or borrowed by them for the purpose of transporting a pesticide are placarded in accordance with State and Federal transportation rules.

11.01 Transportation...of Pesticides

(a) To prevent any discharges, applicators and dealers shall ensure:

- (1)...
- (2)...
- (b) Any pesticide held or stored in or on a vehicle shall be secured to prevent access by unauthorized persons or wildlife during use or transport.



By the way...Section 1. Definitions

- **Use** means:
 - (a) pre-application activities involving mixing and loading a pesticide;
 - (b) applying a pesticide, including supervising the use of a pesticide by a noncertified applicator;
 - (c) other pesticide-related activities, **including transporting or storing a pesticide container that has been opened**, cleaning equipment, and disposing of any excess pesticide, spray mix, equipment wash water, a pesticide container, and other pesticide-containing material; or
 - (d) recommending the use of a pesticide.

11.02 Pesticide and Container Storage by Applicators...

- Applicators shall ensure...

11.02 Pesticide and Container Storage by Applicators...

- Applicators shall ensure...

(a) Any pesticide shall be stored in accordance with requirements and precautionary storage instructions contained on the **product label**.

11.02 Pesticide and Container Storage by Applicators...

STORAGE AND DISPOSAL

Do not contaminate water, foodstuffs, feed, or seed by storage or disposal.

PESTICIDE STORAGE: Store in a cool place. Protect from excessive heat. Store product in original container only away from water, food, or feed. Keep container closed to prevent spills and contamination. Carefully open containers. After partial use, replace lid and close tightly. Do not put concentrate or diluted product into food or drink containers.

PESTICIDE DISPOSAL: Do not contaminate water, food, or feed by disposal. Improper disposal of excess pesticide, pesticide spray, or rinsate is a violation of Federal law. Wastes resulting from the use of this product that cannot be used according to the label instructions or chemically reprocessed must be disposed of on site or at a landfill or waste disposal facility approved for pesticide disposal, or in accordance with all applicable Federal, state, or local regulations. For further guidance, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING: Empty containers retain vapor and product residues.

Nonrefillable Container (five gallons or less): Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.



11.02 Pesticide and Container Storage by Applicators...

- Applicators shall ensure...

(b) Any container shall have a legible manufacturer label indicating the contents.

11.02 Pesticide and Container Storage by Applicators...

- Applicators shall ensure...

(c) Any pesticide or container that has not been triple rinsed shall be stored in a separate room and in such a manner as to prevent contamination to food, feed, seed, livestock remedies, drugs, plants, and other products or materials from the volatilization of a pesticide, the leakage or breakage of containers, or other causes.



11.02 Pesticide and Container Storage by Applicators...



STORAGE AND DISPOSAL *(continued)*

product down any indoor or outdoor drain.

[One to 5 gallon size]

Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate



11.02 Pesticide and Container Storage by Applicators...

- Applicators shall ensure...

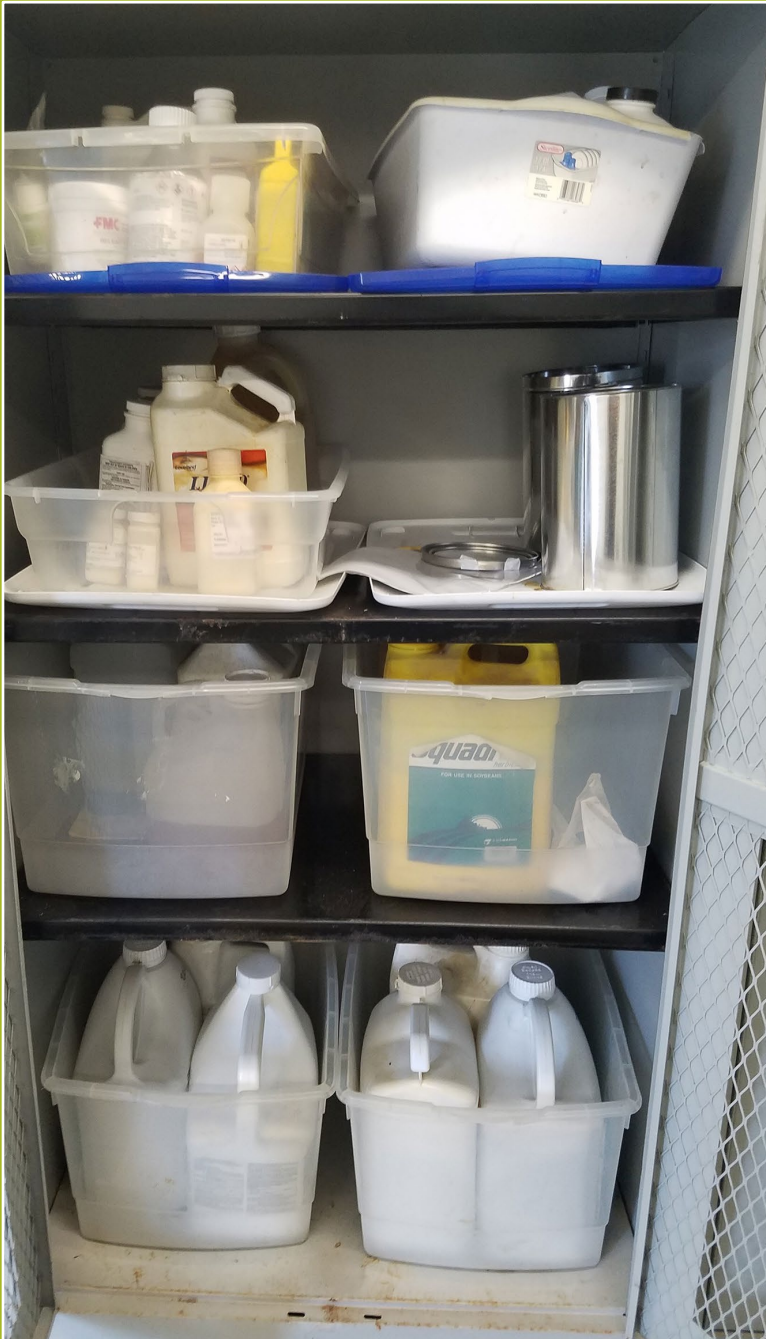
(d) Any pesticide shall be stored inside and protected and secured in such a manner to prevent access from unauthorized persons and wildlife.

11.02 Pesticide and Container Storage by Applicators...

- Applicators shall ensure...

(e) The floor surface of the pesticide storage area shall be smooth, facilitating the complete recovery of any discharge. Floor surfaces may include sealed concrete and plastic.





11.02 Pesticide and Container Storage by Applicators...

Applicators shall ensure...

(f) Earthen floors shall be prohibited in a pesticide storage area unless all containers are placed in a containment vessel designed to recover and contain any discharge.

(Photo: Ric Bessin, UK).

11.02 Pesticide and Container Storage by Applicators...

- Applicators shall ensure...

(g) The pesticide storage area shall be identified by **legible signage** clearly indicating that a pesticide is in storage, as follows:

(1) Sign(s) shall include the word "Warning," "Danger," or "Pesticides" followed by wording that indicates a pesticide is in storage.

(2) Lettering of the words "Warning," "Danger," or "Pesticides" shall be **a minimum of one and 1/2 inches in height.**

11.02 Pesticide and Container Storage by Applicators...



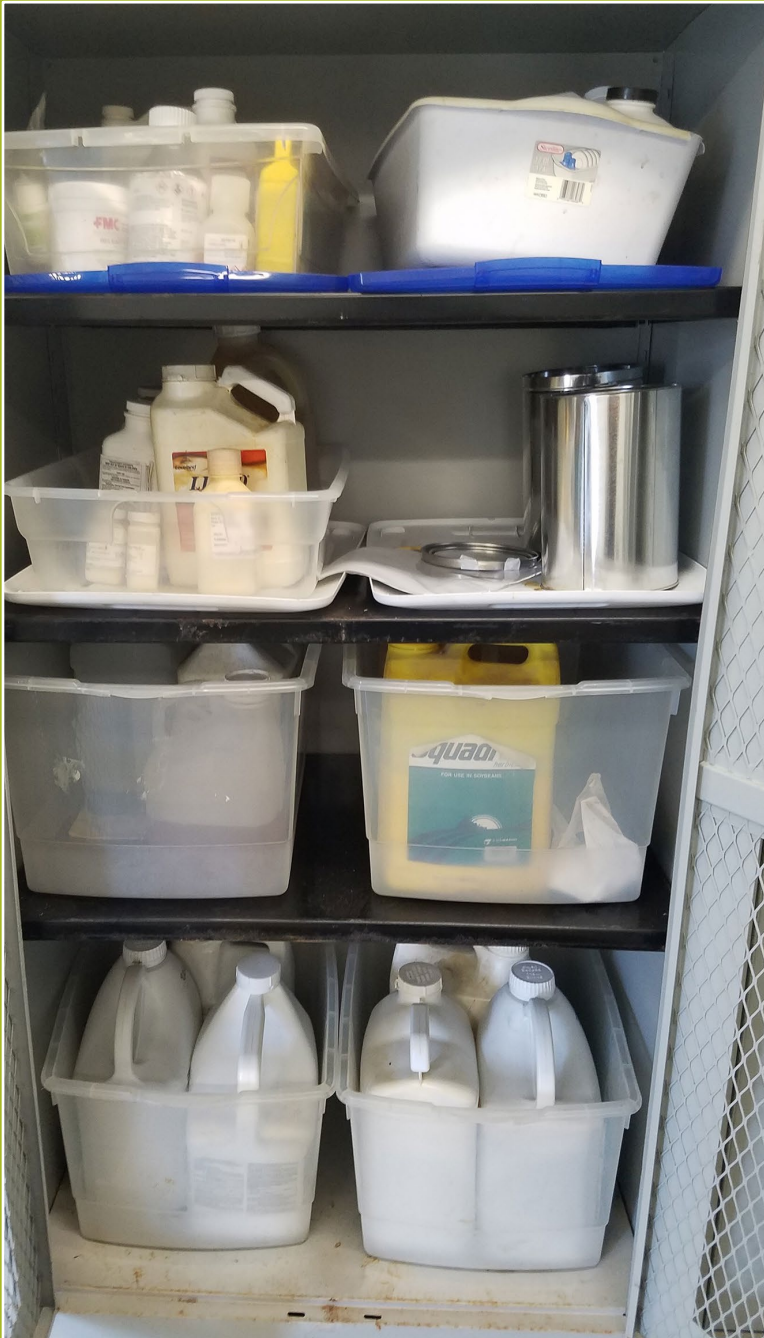
<https://www.safetysign.com/products/6655/danger-pesticide-storage-sign>



11.02 Pesticide and Container Storage by Applicators...

- Applicators shall ensure...

(h) The pesticide storage area shall be adequately vented to the outdoors prior to entry.

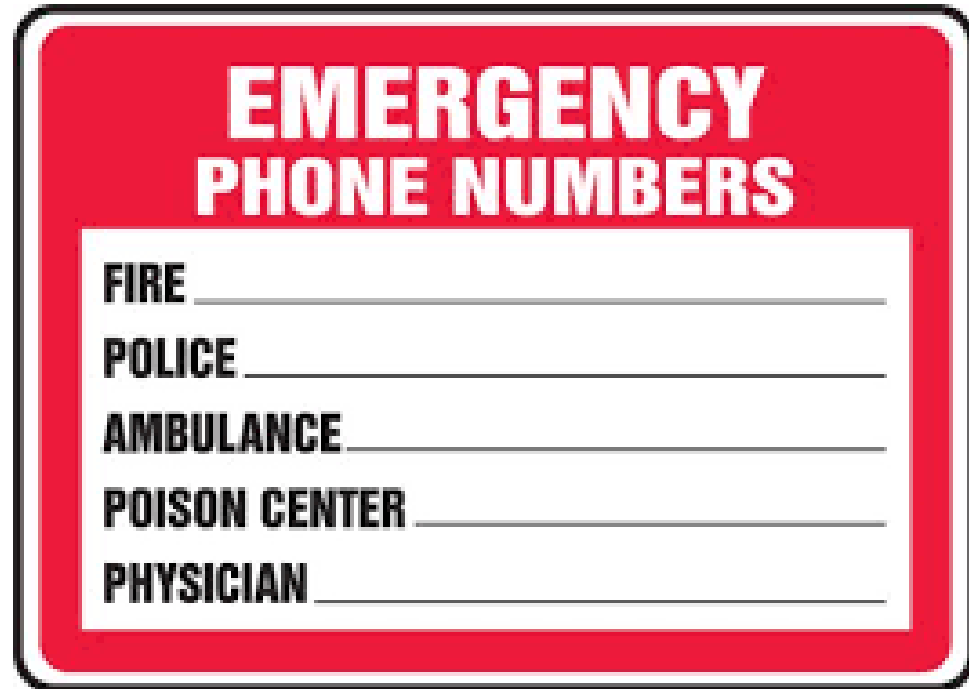


11.02 Pesticide and Container Storage by Applicators...

Applicators shall ensure...

(i) **Containment vessels** used for pesticide storage and handling shall be of materials and construction compatible with the pesticide stored and the conditions of storage and maintained in a manner as to minimize the possibility of a discharge.

High-density polyethylene (HDPE)

A red rectangular label with a black border. At the top, the words "EMERGENCY" and "PHONE NUMBERS" are written in bold white capital letters. Below this, there are five rows, each with a bold black label followed by a horizontal line for a phone number: "FIRE", "POLICE", "AMBULANCE", "POISON CENTER", and "PHYSICIAN".

**EMERGENCY
PHONE NUMBERS**

FIRE _____

POLICE _____

AMBULANCE _____

POISON CENTER _____

PHYSICIAN _____

11.02 Pesticide and Container Storage by Applicators...

- Applicators shall ensure...

(j) In conjunction with pesticide storage, ambulance and fire department **phone numbers** or the 911 number shall be displayed at a central location where all persons have access.

11.02 Pesticide and Container Storage by Applicators...

- Applicators shall ensure...

(k) A pesticide storage area shall maintain **sufficient lighting** to allow the observation of containers and their labeling.



11.02 Pesticide and Container Storage by Applicators...

- Applicators shall ensure...

(l) Storage of pesticide in bulk shall comply with the bulk pesticide storage rules under Section 12.

“1.09 **Bulk Pesticide** means liquid pesticide in a container larger than **210 gallons** (795 liters) or **dry pesticide in undivided quantities greater than 100 pounds** (45 kilograms), and includes mini-bulk pesticide containers, except as otherwise specified.”

11.02 Pesticide and Container Storage by Applicators...

- Applicators shall ensure...

(m) **Cabinets, storage bins, lockers,** or similar type storage compartment shall be considered a pesticide storage area provided that the storage compartment complies with subsections (a) – (d), and (i) – (k) of this section.

In other words,... (e-h) don't apply = floor surface materials, secondary containment bins, signage, ventilation requirements.

11.02 Pesticide and Container Storage by Applicators...



- Applicators shall ensure...

(n) **Floor drains** not used in conjunction with catch basins shall be prohibited in a pesticide storage area.

11.02 Pesticide and Container Storage by Applicators...

- Applicators shall ensure...

(o) A pesticide storage area may be equipped with a **catch basin**, provided that:

- (1) there are no pipes attached;
- (2) it is constructed for complete recovery of a discharge; and
- (3) it is located within the floor where liquids can be transferred to an above ground container in the event of a spill or discharge onto the floor.

11.02 Pesticide and Container Storage by Applicators...



11.02 Pesticide and Container Storage by Applicators...

- Applicators shall ensure...

(p) A pesticide storage area shall be maintained in a **clean condition**.

(q) At a minimum, any discharge shall be **cleaned up** within 60 minutes.

11.02 Pesticide and Container Storage by Applicators...

- Applicators shall ensure...

(r) Any container, held by an end user, having the capacity for holding greater than 55 gallons but less than 300 gallons of bulk pesticide, known as **mini-bulk containers**, shall be exempt from subsections (c), (e) – (h), (j) – (p) of this section provided that:

(1) the container is identified with pesticide **labeling that is affixed** to the mini-bulk container by the dealer or person who sold or distributed the product;

11.02 Pesticide and Container Storage by Applicators...

- Applicators shall ensure...

...

(2) there is a mechanism attached to the container for the purpose of **securing the dispensing apparatus**; and

(3) within 90 days of receipt of the pesticide in the mini-bulk container, the container is **returned to the dealer**.



11.02 PESTICIDE AND CONTAINER STORAGE BY APPLICATORS...

11.02 Pesticide and Container Storage by Applicators...

- Applicators shall ensure...

(s) The following minimum buffer distances are maintained around any public water source:

11.02 Pesticide and Container Storage by Applicators...

- Applicators shall ensure...

(s) The following minimum buffer distances are maintained around any public water source:

- (1) 100-foot buffer for all **public non-community groundwater drinking water sources**; and

This is a well, spring, dug well, etc. that serves a business with fewer than 25 employees.

Non-Transient Non-Community (NTNC) water system serves 25 or more of the same people for 6 months or more. Schools, business parks, or offices served by their own on-site source of water.

11.02 Pesticide and Container Storage by Applicators...

- Applicators shall ensure...

(s) The following minimum buffer distances are maintained around any public water source:

...

(2) 200-foot buffer for all **public community drinking water sources** and intakes, and surface water public non-community drinking water intakes.

“City water” = 15 or more connections **or** serving 25 or more people in residential/year-round setting. (condo well, or intake in lake or river)

My contact
info...

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