

Section A. Live Mosquitoes

Follow instructions on how to transport, package, label, and ship **live** mosquitoes as Biological Substance-Category B, UN3373 in accordance with applicable government, International Air Transport Association (IATA) and International Civil Aviation Organization (ICAO) regulations and Department of Transportation (DOT).

TRAINING REQUIRED

Those who ship Biological Substance-Category B shipments must receive documented training on the government regulations that cover these substances and the proper method of packing. Free training can be obtained online at [CDC Packing and Shipping Division 6.2 Materials Web-based Training \(click "Register Now"\)](#). The length of this course is approximately two hours. Note, accessing the CDC TRAIN course can be tricky. To access course registration, you must first create an account with CDC TRAIN, then provide additional information (contact, work address, organization, role, etc.) to your account profile. Additional account creation guidance is in a downloadable document here: <https://www.train.org/cdctrain/u/document/5914>. (Tip-If you experience problems with your IE browser, try Google Chrome.)

Another resource to keep handy is [FedEx Packaging UN3373 Shipments](#) instructions for packaging, marking, and labeling Biological Substance, Category B, UN3373 shipments for FedEx services.

HOW TO TRANSPORT

When in transport from the field, follow the tertiary containment shown in Figure 1. The primary receptacle is the mosquito catch bag. Place the catch bag in the secondary packaging—the filter patch plastic bag (such as a grow bag). The filter patch allows for air exchange. Clamp the bag closed, being careful not to block the filter patch. Place the bag into the tertiary, rigid outer packaging—the shipping cooler.

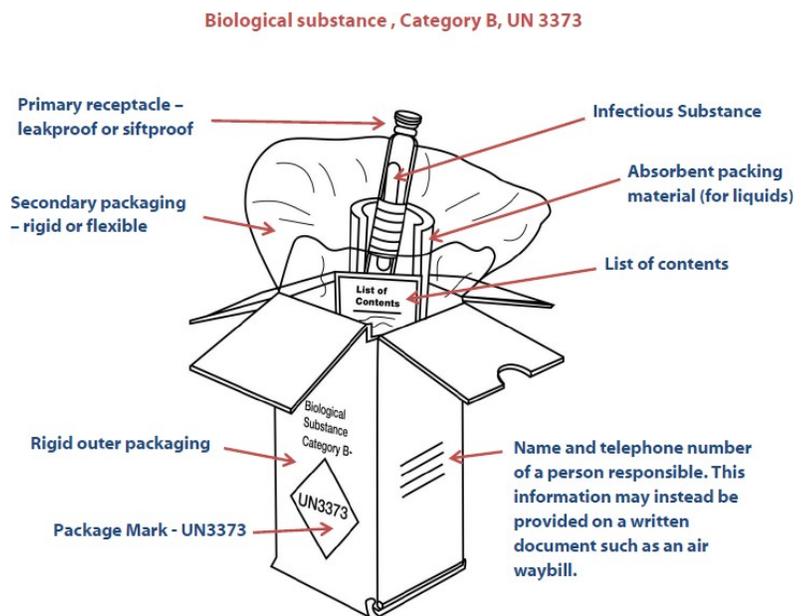
Before entering a building, open the cooler and ensure that both the primary and secondary containment are closed securely. Do your check outside of the building to avoid the escape of mosquitoes inside. If the secondary containment has been compromised, re-clamp the bag or seal with tape.

HOW TO PACK

Biological Substance-Category B requires tertiary packaging but does not require UN specification packaging. Refer to Figure 1 CDC Packaging Biological Substance, Category B, UN3373 diagram.

Pack the shipping cooler with two gel ice packs to keep mosquitoes cold. Place crumpled newspaper around the secondary packaging (filter patch plastic bag), or similar absorbent material in the cooler to fill unused space, provide insulation, and absorb any liquids. Seal the field data reporting forms in a Ziploc bag, then place in the cooler. Tape cooler shut with strapping tape. Stick FedEx airbill and Biological Substance-Category B shipping labels onto the cooler.

Figure 1



HOW TO LABEL

The following labels must be included on Biological Substance-Category B shipment: Sender's name and address; Recipient's name and address; and the name, address and phone number of a designated person who will be responsible for the shipment during the time it's in transit. The designated "Responsible Person" should be the person who signs off on the airbill. This information may be provided on the airbill. Additionally, the following label must be included on the package: **BIOLOGICAL SUBSTANCE, CATEGORY B, UN3373** to cover federal shipping regulations.

Note: The mark "UN3373" must be in the form of a square set at an angle of 45° (diamond-shaped) with each side having a length of at least 2 inches square and the letters and numbers must be at least 1/4 inch high. The proper shipping name "Biological Substance, Category B" in letters at least 1/4 inch high must be marked on the outer package adjacent to the diamond-shaped mark as shown in Figure 2.

Figure 2



HOW TO SHIP

Ship coolers by FedEx overnight service using Washington State Department of Health's account. Pre-printed FedEx airbills are available for your convenience.

Use our pre-printed FedEx airbill or fill out a new airbill:

Ship FedEx standard overnight to following address.

Env West Nile Lab
WA State Public Health Lab
1610 NE 150th St
Shoreline, WA 98155

Check FedEx package airbill as:

- Section 4 FedEx Standard Overnight
- Section 5 Other (ship mosquitoes back in small cooler)
- Section 6 Special Handling and Delivery Signature Options - None (Mosquito specimens, live or dead are not considered "dangerous goods" and do not require special handling or delivery.)