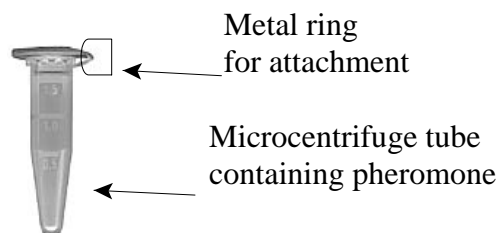


## Dealing with Brown Spruce Longhorn Beetle Pheromones

1. The improved 2008 brown spruce longhorn beetle (BSLB) pheromone has been prepared and packaged in small, 1.5 ml, plastic microcentrifuge tubes (Figure 1). These tubes should come equipped with a hole in the cap, to let the pheromone escape, and a metal ring for hanging.



**Figure 1.** BSLB Pheromone

2. When these pheromones are delivered to your office they **MUST** be stored upright, to prevent spillage, in the freezer until you plan to use them.
3. When you're ready to attach the lures to your BSLB traps remove the required number of microcentrifuge tubes from the freezer. They have been packed in floral foam to make them easier to transport.
4. Place the carrier into a cooler with ice packs – remember the pheromone **MUST** remain frozen until it's hanging on the BSLB trap.
5. Once at your BSLB trap, locate where you've previously attached the spruce volatile lures (1 long black and 1 short blue tube). String a plastic zip tie through the one from which the 2 spruce lures are hanging.
6. Insert one end of this second plastic zip tie through the metal ring on the microcentrifuge tube and then seal it. Cinch the zip tie so the pheromone is hanging upright with its pointy end down.



**Figure 2.** Pheromone hanging with 2 volatile lures.



**Figure 3.** Baited BSLB trap.