



American Ultraviolet

1-800-288-9288

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Mercury Handling, Clean-up procedure and Return of Mercury Displacement Relays

- Exposed Mercury will give off vapors at room temperature. Ventilate the exposed area until the spill is cleaned up. A common thermometer has enough mercury to contaminate a room 100' x 100' x 15' if not ventilated properly.
- When handling mercury you should wear proper PPE (Personal Protective Equipment) such as latex or nitrile gloves. Use good personal hygiene. DO NOT eat, drink, or touch your mouth, nose and eyes until you have thoroughly washed your hands.

Clean Up Procedure

- Useful Materials for clean up include
 - A small sealable container
 - A of sponge or paper towel
 - A small piece of rigid paper or plastic to use as a scoop for larger droplets of mercury
 - A small amount of water

Never use a vacuum cleaner to pick up mercury. This will contaminate the machine and vaporize the mercury.

Use a minimum amount of materials to limit the amount of materials to be disposed of. Many laboratory supply organizations sell spill kits. Lab Safety Supply (1-800-356-0783) is a source for spill kits.

- Be sure there are no electrical hazards before starting the clean-up operation. Disconnect any power to machinery that may have to be cleaned.
- Remove all jewelry that may accidentally come in contact with mercury. Mercury readily dissolves gold.
- Use a damp sponge to guide larger droplets of mercury onto paper or plastic scoop and deposit them in a sealable container.
- Small droplets of mercury can be picked up by the damp sponge or towel and deposited into the sealable container.
- Once finished, place all the contaminated material into the sealable container and seal the container closed.
- Label the container as “**Mercury Contaminated Waste**”
- **Any device containing mercury should NEVER be sent to a landfill or incinerated. It should be sent to an approved mercury recycling center. Contact**

your local solid waste management authority for instructions on the proper disposal or recycling of mercury and mercury contaminated materials.

Procedure for Evaluation and Return of NON-DAMAGED Mercury Relays

- Please contact AUV at 1-800-288-9288 to obtain a Returned Goods Authorization number (RGA) and obtain authorization to return the product.
- Mercury containing relays used in equipment manufactured by AUV can be returned for evaluation to:

American Ultraviolet
212 South Mount Zion Road
Lebanon, IN 46052
Attn: RGA department

Include the RGA # on the outside of the packaging

- AUV will evaluate the returned product and send to the original manufacturer of the relay, a consolidator or re-cycler, who will remove and recycle the mercury and all other parts that are recyclable or reusable.
- Proper disposal of mercury containing products is encouraged. AUV will evaluate and dispose of returned products that were originally used in the equipment manufactured by AUV. Those products not originally used or marketed by AUV are the responsibility of other parties and will be returned freight collect to the sender.