

BATTERIES (Non-Lead Acid)

Hazardous Waste Management Plan, 40 CFR 273.33-35



Possible areas of concern and characterization

Lithium, Lithium-Ion, Nickel-Cadmium, Magnesium, NiCad (wet), Mercury, Nickel Metal Hydride and other rechargeable batteries have chemicals that are a concern during routine use and disposal and may contaminate the environment. As a best management practice, all batteries will be collected as used batteries and waste determinations will be made by EMD personnel.

HANDLING PROCEDURES

- Step 1** Store Non-Lead Acid batteries in the original packaging or with terminals protected with non-conductive caps/tape.
- Step 2** Unit/activity will turn-in non-lead acid batteries to the EMD Hazardous Waste Classification Unit (HWCU).
- Step 3** If a unit/activity has the need for a Universal Waste Collection area, EMD will establish the area, provide the proper container(s), labels, and training.
- Step 4** All containers must be labeled to identify their contents and the top must be closed when not adding batteries.
- Step 5** The used batteries container will be picked up by EMD personnel and EMD will provide a replacement container. Batteries can be collected for one year from the first battery placed inside the container.

NOTES

- Damaged batteries must be double-bagged prior to turn-in (i.e., exterior case cracked). Store damaged batteries separate from serviceable batteries and contact the EMD HWCU for disposal procedures.
- Non-Lead Acid batteries are managed as Universal Waste. If you feel you require a Satellite Accumulation Area to collect non lead acid batteries, contact the HWCU at the phone number below.
- Lithium is a water reactive metal and lithium batteries have the potential to be dangerous if the batteries are damaged, leaking, or in contact with water.
- Terminals of Non-Lead Acid batteries, and 9 volt alkaline batteries, must be protected through non-conductive tape/caps prior to placing in the Universal Waste collection container.
- Never discard non-lead acid or lithium batteries in the trash as fire/damage may occur.

CONTACT INFORMATION

Hazardous Waste Classification Unit/ BLDG 2954
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