

# 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 and must be stored IAW the SDS due to non-compatible or reactive substances.
- 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, HWCU will establish the site and provide the proper container(s), labels, and training.
- Step 4** All containers must be labeled to identify their contents and marked with an accumulation start date (i.e. the date a waste battery was first placed in the container). Containers must be kept closed when not adding batteries.
- Step 5** The used batteries container will be picked up by HWCU personnel and a replacement container will be provided. Batteries can be accumulated 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  
(D) 502-624-3692/6598 or (T) 520-945-1403/2604