



Introduction to Universal Waste

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Objectives

- What is Hazardous Waste?
- What is Universal Waste?
- How to manage Universal Waste
- “Universal Waste Handler”

Hazardous Waste

- Listed Waste:
 - P-List: Acutely Toxic
 - U-List: Unused or Off-spec. chemicals
 - D-List: Toxic materials
 - K-List: Industry Specific
 - F-List: Flammable

Hazardous Waste

- Characteristic waste
 - Flammable
 - Toxic
 - Reactive
 - Corrosive

Handling Hazardous Waste

- Determination of Generator Status
 - CESQG
 - Small Quantity
 - Large Quantity
- EPA Identification Number
- Contracting a hazardous waste hauler

Universal Waste

“The universal waste program provides an alternative set of regulation that reduce the regulatory burden by allowing longer storage of these wastes and reduced record keeping (EPA)”

The rule was designed to encourage recycling of some common hazardous wastes

Universal Waste

- Batteries
 - Lead Acid
 - Ni-Cd
- Pesticides
- Hazardous Waste Lamps
 - Fluorescent
 - Metal Halide

Universal Waste

- Mercury-Containing Equipment
 - Relay switches
 - Thermometers

Collection Containers

- Collection containers should be:
 - Structurally sound
 - Compatible with contents
 - Remain closed
- Containers should be labeled with the words “Used”
- Handle, to minimize breakage and spills

Universal Waste Handler

- Small Quantity Handler
 - Less than 11,000 pounds on-site
 - No EPA ID number
 - Store for less than one year
 - No Manifest
 - Train employees on proper handling and emergency procedures

Universal Waste Handler

- Large Quantity Handler
 - Greater than 11,000 pounds on-site
 - Must have and EPA ID number
 - Store for less than one year
 - Manifests are not required, but must track all shipments
 - Quantity
 - Date
 - Destination of Universal Waste
 - Maintain records for three years
 - Formal training on proper handling and emergency procedures

Transporters

- Cannot dispose of, dilute or treat
- Must comply with all DOT regulations
- Must take the Universal Waste to a destination facility, handler, or foreign market agreed upon by the generator/handler

Questions?