



Cavatappi Pasta

Parmesan Chicken Breast OR Meatballs
Alfredo Sauce OR Spaghetti Sauce

Sides:

Green Beans

Garlic Bread

Salad Bar

Lush Dessert-Variety



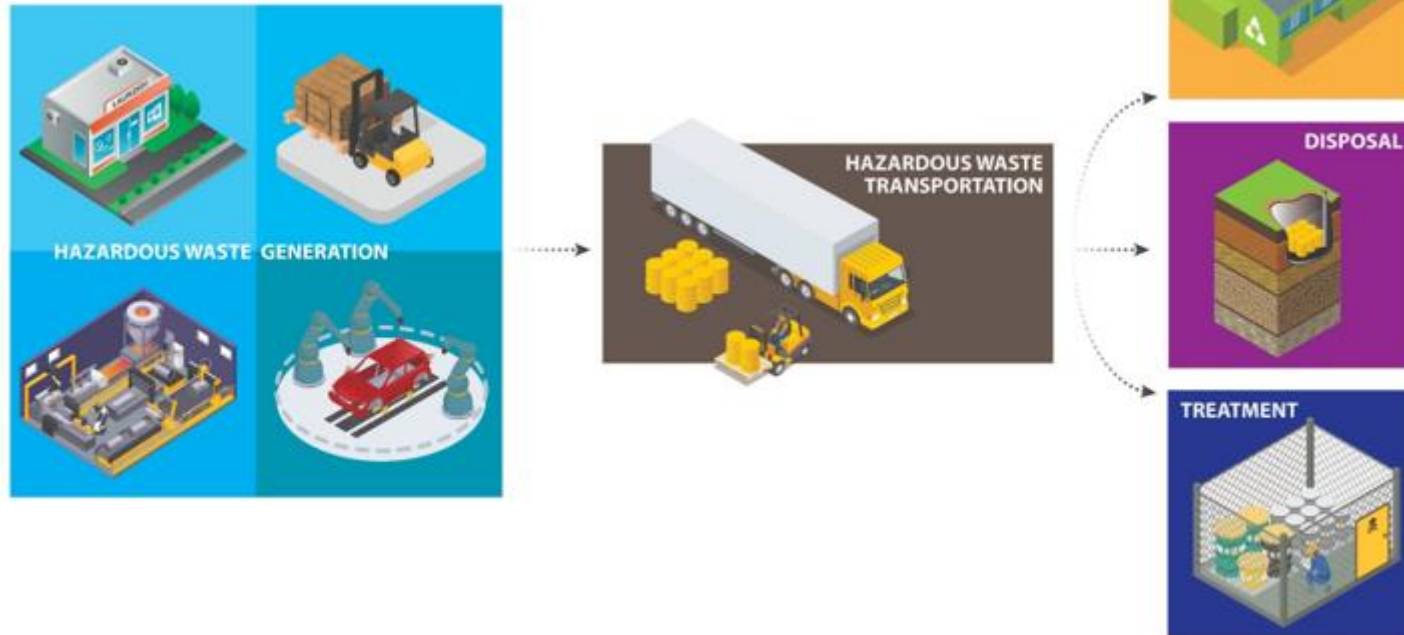
April 16, 2024

BLACK SWAMP SAFETY COUNCIL

Universal Waste Management

Presented by Jessica Susser

Environmental Supervisor from the Ohio EPA



PLEASE

SILENCE

YOUR CELL PHONE



BWC SAFETY UPDATES

APRIL 2024

[Doug Kaple](#)
douglas.k.1@bwc.ohio.gov
Call or text 330 415 9236

BWC.OHIO.GOV

MONTHLY LEARNING APRIL - IN PERSON

- Emergency preparedness planning half-day workshop (April 23) Canton
- Hazardous waste operations and emergency response refresher - Blended Learning Part 2 (April 23) Cincinnati
- First aid in the workplace (April 25) Cambridge
- Hazardous waste operations and emergency response refresher - Blended Learning Part 2 (April 30) Canton

[View the full schedule here](#)

IN-PERSON CLASSES and VIRTUAL TRAINING CLASSES (VTC) qualify for Safety Council rebate external training credits.



MONTHLY LEARNING APRIL - VIRTUAL

Virtual Training Class

Safety for the Non safety Professional

Health Hazards and Toxicology Fundamentals

Date Time

Apr. 18, 9:30 am- 2 p.m.

Apr. 23 9:30 am –12:45 pm

WEBINARS APRIL

- Apr. 25 - Heat Hacks: Empowering workers to beat the heat stress challenge!

[Search all events](#)

REGION 4 EDUCATION, ACTIVITIES & UPDATES

BGSU Levis Commons, Perrysburg

REGISTRATION IS OPEN!

OSHA 10: *General Industry* Safety Basics - 8:30 - 4:15 (MAY 21-22)

15 seats remain!

**Previously May 15/16*

[BWC Learning Registration Home](#)

PROGRAM DEADLINES

Private Employers

APR

No deadlines

MAY

May 31 – Application Deadline for

[Drug-Free Safety Program](#)

and [Transitional Work Bonus Program](#)

Public Employers

APR

No deadlines

UPCOMING TOPICS/SPEAKERS

- ✓ May 21, 2024- “BWC Update”
- ✓ June 18, 2024- Violence In the Workplace
- ✓ July 16, 2024- Eye Safety

Dates are also located on the Black Swamp Safety Council Website



Check your Attendance

After each month's meetings, the blackswampsafety.org website will be updated with an attendance tracking excel sheet for rebate tracking purposes.

If you are wondering how many meetings your company has attended/missed, you can go to the website to check.

JUST A LITTLE
Reminder

OSHA-30: Industry safety principles

Dates/Times:*

April 29, 2024	8:30 a.m.–4:30 p.m.
April 30, 2024	8:30 a.m.–4:30 p.m.
May 1, 2024	8:30 a.m.–12:45 p.m.
May 6, 2024	8:30 a.m.–4:30 p.m.
May 7, 2024	8:30 a.m.–4:30 p.m.

*Must be present to each day to receive OSHA card.

Location:

Altenloh, Brinck & Co.
2105 County Rd. 12C
Bryan, OH 43506

Cost: Free ****Lunch Provided****



Upon completion of the full course, attendees will receive an OSHA 30 Hour card.* This course will provide an external training credit for Safety Council Attendance.

This multi-day course covers general workplace safety and attendees will learn:

- Best practices for compliance with OSHA 29 CFR 1910 regulations
- To recognize, avoid, abate, and prevent hazards
- Workers' rights and employer responsibilities in general industry

After this course, students will be able to suggest control measures to mitigate risk factors

Presented by BWC in collaboration with
Black Swamp Safety Council and Altenloh, Brinck & Co. U.S., Inc.

ENROLL TODAY!

Visit the BWC Learning Center and search:
OSHA30: Industry safety principles non-catalog

www.bwclearningcenter.com

1-614-980-3712

dshcc@bwc.ohio.gov

Membership Invoices 2025

Invoices for next year's membership fees went out at the end of March. They went go to the attention of the accounts payable person provided or just to the accounts payable position.

We **cannot** accept **ACH payments** for these invoices, but we can accept checks, cash or online through the website payments.



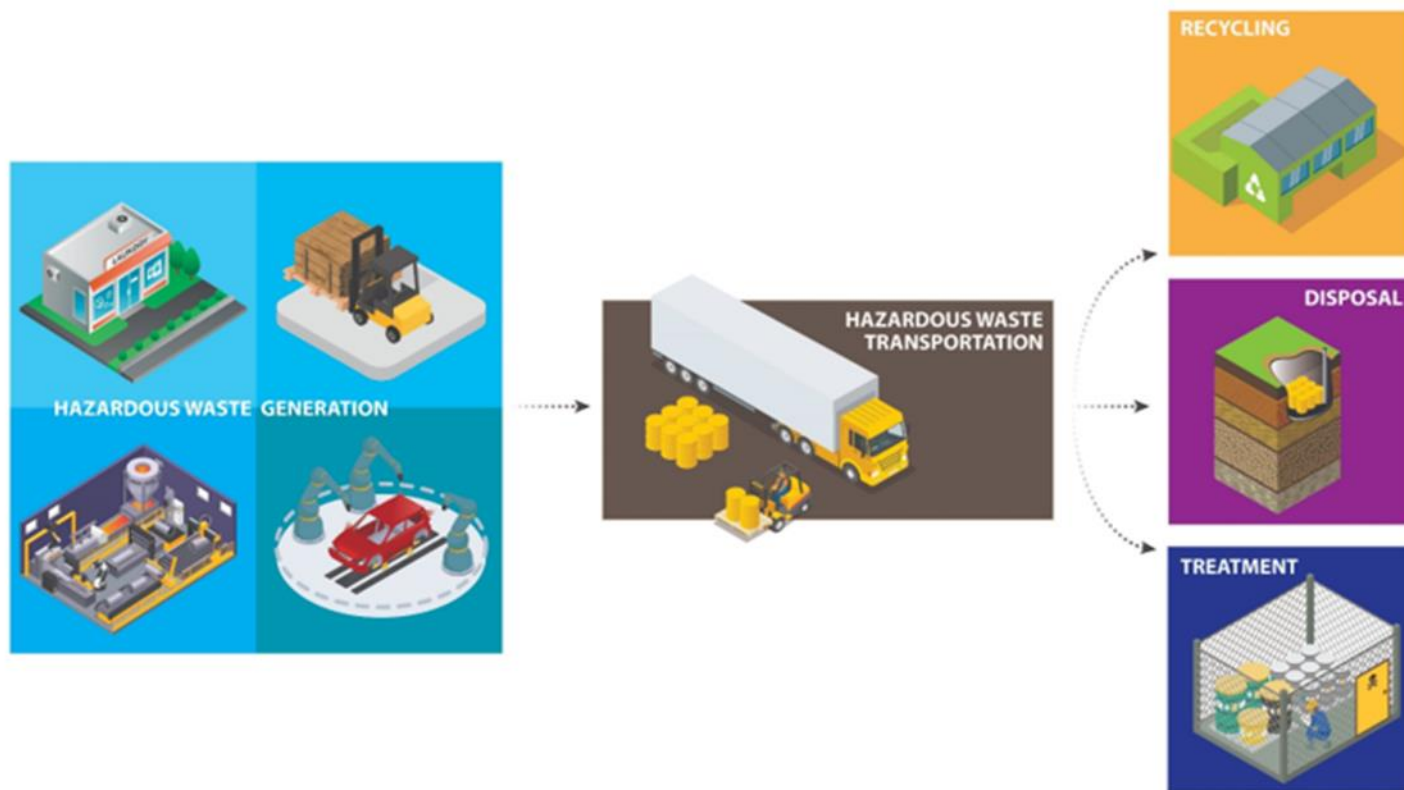
April 16, 2024

BLACK SWAMP SAFETY COUNCIL

Universal Waste Management

Presented by Jessica Susser

Environmental Supervisor from the Ohio EPA



Jessica Susser

- Jessica has been working at the Ohio Environmental Protection Agency in the Division of Environmental Response and Revitalization for the past two and a half years. She supervises environmental specialists who evaluate compliance of hazardous waste management and contaminated site cleanup.
- Prior to working for the Ohio EPA, she worked in a variety of fields in the public, private and non-profit sectors, including ecological research, cattle genomics, and flavors regulatory compliance. She earned her bachelor's degree in ecology from Boston University and her master's degree in environmental sciences from the University of Toledo.



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Universal Waste in Ohio

Jessica Susser, Environmental Supervisor
Ohio EPA
**Division of Environmental Response
and Revitalization**



Is environmental health and/or safety in your primary job title?



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**Are you familiar
with RCRA
hazardous waste?**



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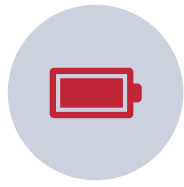


**Are you familiar
with universal
waste?**



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Are any of these wastes generated at your facility?



Batteries



Lamps
(Light bulbs)



Mercury-containing
devices



Aerosol
Cans



Pesticides
recalled or suspended
under FIFRA



Antifreeze



Paint



Paint-related waste



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The Bad News

- Could be hazardous waste
- Would need to be managed in compliance with RCRA hazardous waste rules
 - Cannot go in the regular trash



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The Good News



There are special, less stringent standards for managing these wastes



Learn how to manage these materials and stay in compliance

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Universal wastes - defined



What does this mean for you?



Types of universal wastes



Additional Ohio EPA Resources



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Universal wastes - defined



What does this mean for you?



Types of universal wastes



Additional Ohio EPA Resources



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What is a universal waste?

- Subset of hazardous waste regulations
- Intended to promote collection and recycling
 - Does not prohibit disposal
- Eases some regulatory requirements
- Reduced paperwork burden
- Universal waste does not count toward your generator status

What is a hazardous waste?



- A **waste** that
 - Is generated through a specific process
OAC 3745-51-31 – OAC 3745-51-33
 - Possesses a hazardous characteristic
OAC 3745-51-21 – OAC 3745-51-24
 - Ignitable
 - Corrosive
 - Reactive
 - Toxic
- These rules apply to **BUSINESSES**



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How does a hazardous waste become a universal waste?

- Must be a hazardous waste
- Evaluated to determine if
 - Found in medium to large volumes
 - Exhibits low-level hazards
 - Easily managed
 - Generated by numerous businesses
- Specifically outlined by regulations
 - There are U.S. EPA Universal wastes
 - There are Ohio Specific Universal Wastes



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Okay, but what ARE universal wastes?

- U.S. EPA Standards (apply in Ohio)
 - Discarded batteries
 - Hazardous waste pesticides (recalled or suspended under FIFRA)
 - Mercury-containing devices
 - Lamps (Light bulbs)
 - Aerosol Cans
- Ohio Specific
 - Antifreeze
 - Spent paint and paint-related waste



Why should I care?

- Prevent hazardous chemicals from getting into the environment
- Protect waste collectors
- Sustainability goals!
- It's the law



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Universal wastes - defined



What does this mean for you?



Types of universal wastes



Additional Ohio EPA Resources

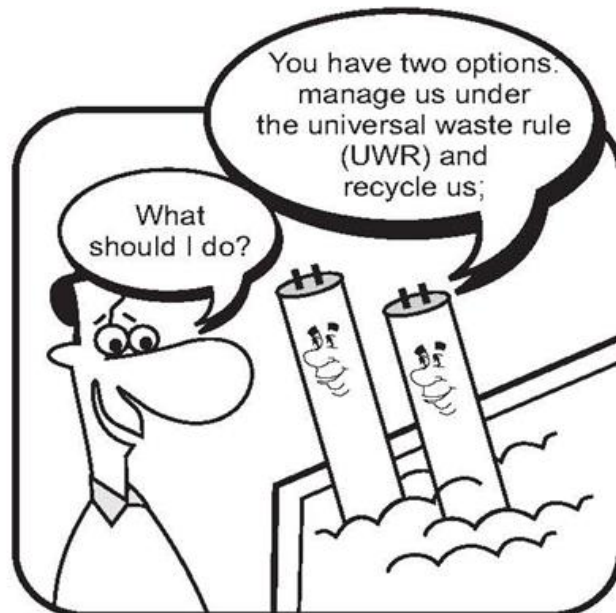
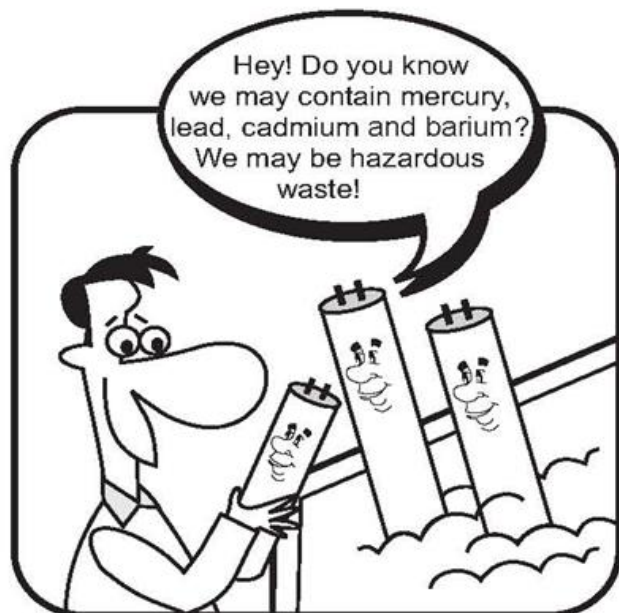


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Determine if your material is universal waste

- If your facility generates the following wastes:
 - Discarded batteries, hazardous waste pesticides (recalled or suspended under FIFRA), mercury-containing devices, lamps (Light bulbs), aerosol cans, antifreeze, spent paint and paint-related waste
 - Evaluate the waste to determine if it is a hazardous waste
- OR
- Manage under universal waste standards (no further evaluation/testing required)

Shining the Light on Lamp Management



Universal Waste Handler

- Defined in rule OAC 3745-273-09(U)(2)(a)
 - (i) a “generator”; or
 - (ii) The owner or operator of a facility
 - That receives universal waste from other universal waste handler
 - Accumulates universal waste
 - Sends universal waste to another universal waste handler, to a destination facility, or to a foreign destination



What you can do

- Generate
- Receive
- Store
- Send to a destination facility



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What you can't do

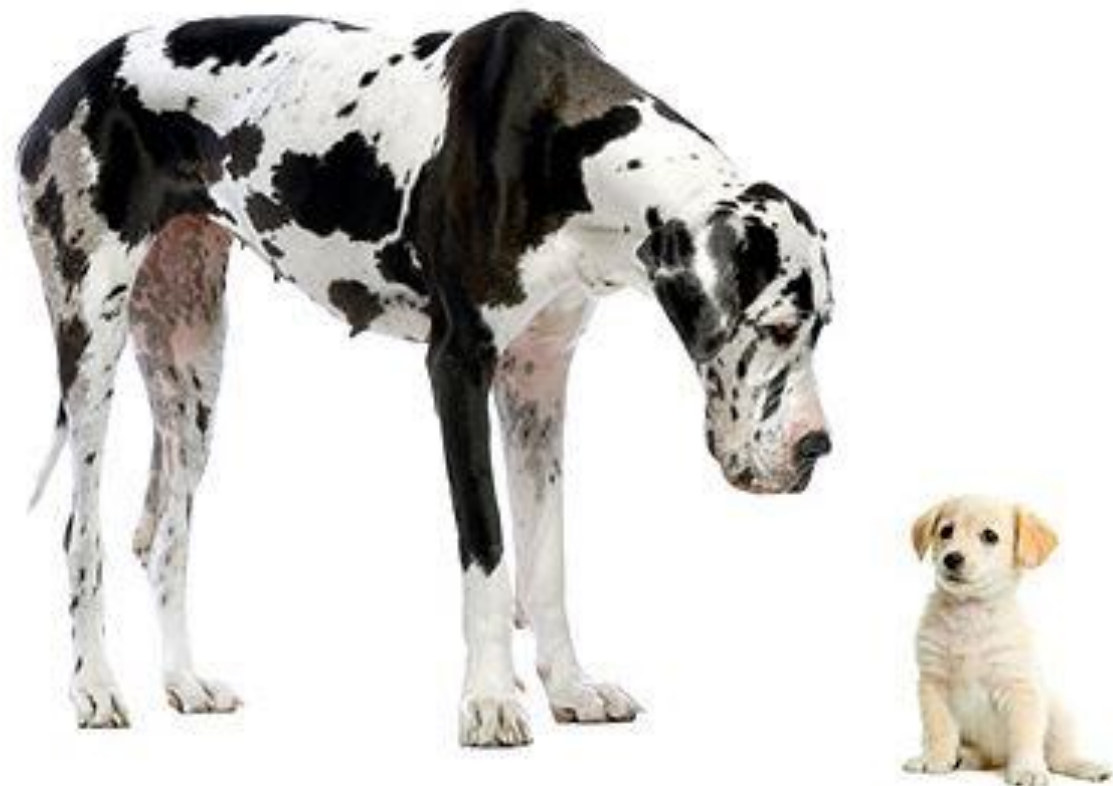
- Treat
- Dispose of
- Recycle



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General Requirements

- Ensure it is sent to an authorized facility
- Cannot be stored on site for more than one year
- Container management
 - Good condition
 - Closed
 - Labeled
- Clean up spills and properly manage residues



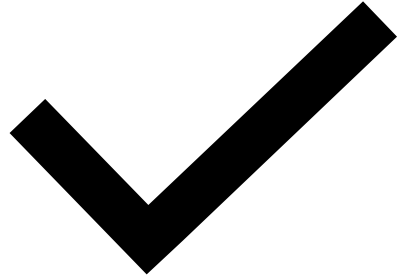
Handler Categories

- Small Quantity Handler
 - Accumulates on-site less than 5,000 kg (11,000 lbs.) at any time
- Large Quantity Handler
 - Accumulates on-site more than 5,000 kg (11,000 lbs.) at any time
 - For perspective:
 - ~15 55-gallon drums of paint
 - A four-foot light tube is ~ ½ pound, so this would be ~ 22,000 light tubes

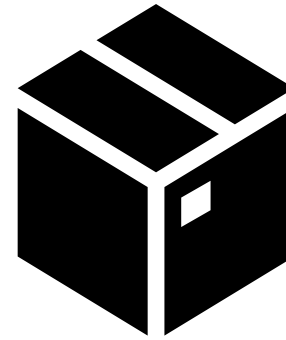


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Additional Requirements for Large Quantity Handlers



Notify Ohio EPA in writing and obtain a U.S. EPA Identification number



Retain receipts of shipments of universal waste for at least three years

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Universal wastes - defined



What does this mean for you?



Types of universal wastes



Additional Ohio EPA Resources



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Types of Universal Waste

- U.S. EPA Standards (apply in Ohio)
 - Discarded batteries
 - Hazardous waste pesticides (recalled or suspended under FIFRA)
 - Mercury-containing devices
 - Lamps (light bulbs)
 - Aerosol Cans
- Ohio Specific
 - Antifreeze
 - Spent paint and paint-related waste



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Batteries

- Definition
 - OAC 3745-273-09(B)
- Examples:
 - Nickel Cadmium (ni-cad)
 - Lithium
 - Lithium ion
 - Button cell
 - *Lead Acid



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Batteries

- Contain leaks
- In containers
 - Closed
 - Structurally sound
 - Compatible with battery contents
 - Labeled
 - Universal waste battery(ies)
 - Waste Battery(ies)
 - Used Battery(ies)



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Batteries

- Allowed activities (OAC 3745-273-13(A))
 - Sorting by type
 - Mixing battery types in one container
 - Discharging to remove electric charge
 - Regenerating used batteries
 - Disassemble battery packs into individual batteries/cells
 - Removing batteries from consumer products
 - Removing electrolytes
- Evaluate any waste generated by these activities

Lead-Acid Batteries



- Can be managed under OAC 3745-266-80
- If reclaimed through regeneration, there are no specific labeling, storage, or reporting requirements
- Keep it clean

Pesticides

- Applies to (OAC 3745-273-03):
 - Recalled under Section 19(b) of Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA)
 - Unused pesticide collected and managed as part of waste pesticide collection program
 - Does not apply to farmers
- Store in container in good condition
- Label with
 - Label that was on product when purchased
 - “Universal waste – pesticide (s)” OR “Waste – Pesticide(s)”



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Mercury Containing Devices

- Definition OAC 3745-273-09(M)
- Managed in a way that prevents releases
 - Contain any non-contained elemental mercury
 - When removing ampules from housing
 - Prevent breakage
 - Clean-up system readily available
 - Well-ventilated area (OSHA exposure)
 - Workers familiar with process
 - Removed ampules in closed container in good condition
 - Packed in a manner to prevent breaking
- Stop, contain, and clean up any leaks or releases, properly manage residues



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Mercury Containing Devices

- Label container one of the following:
 - Universal waste-mercury containing equipment
 - Waste-mercury containing equipment
 - Used mercury-containing equipment
- Additional labeling option for thermostats
 - Universal waste mercury thermostat(s)
 - Waste mercury thermostat(s)
 - Used mercury thermostat(s)

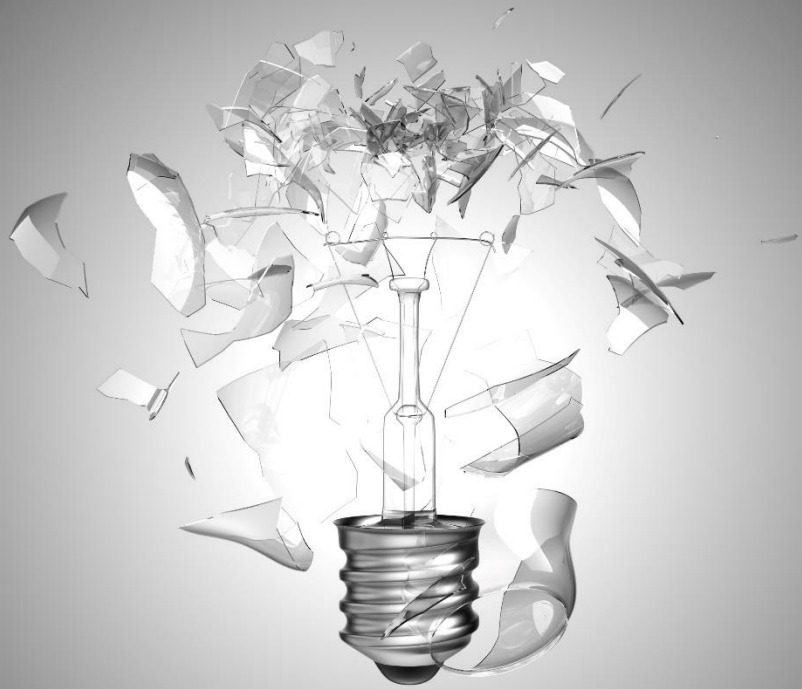


Lamps (Light Bulbs)

- Definition (OAC 3745-273-09(L)(1):
 - Includes fluorescent, high intensity discharge, neon, mercury vapor, high pressure sodium, and metal halide lamps
- Requirements
 - In closed container in good condition
 - Clean up any broken lamps
 - Labeled “Universal Waste-Lamp(s),” “Waste Lamp(s),” or “Used Lamp(s)”



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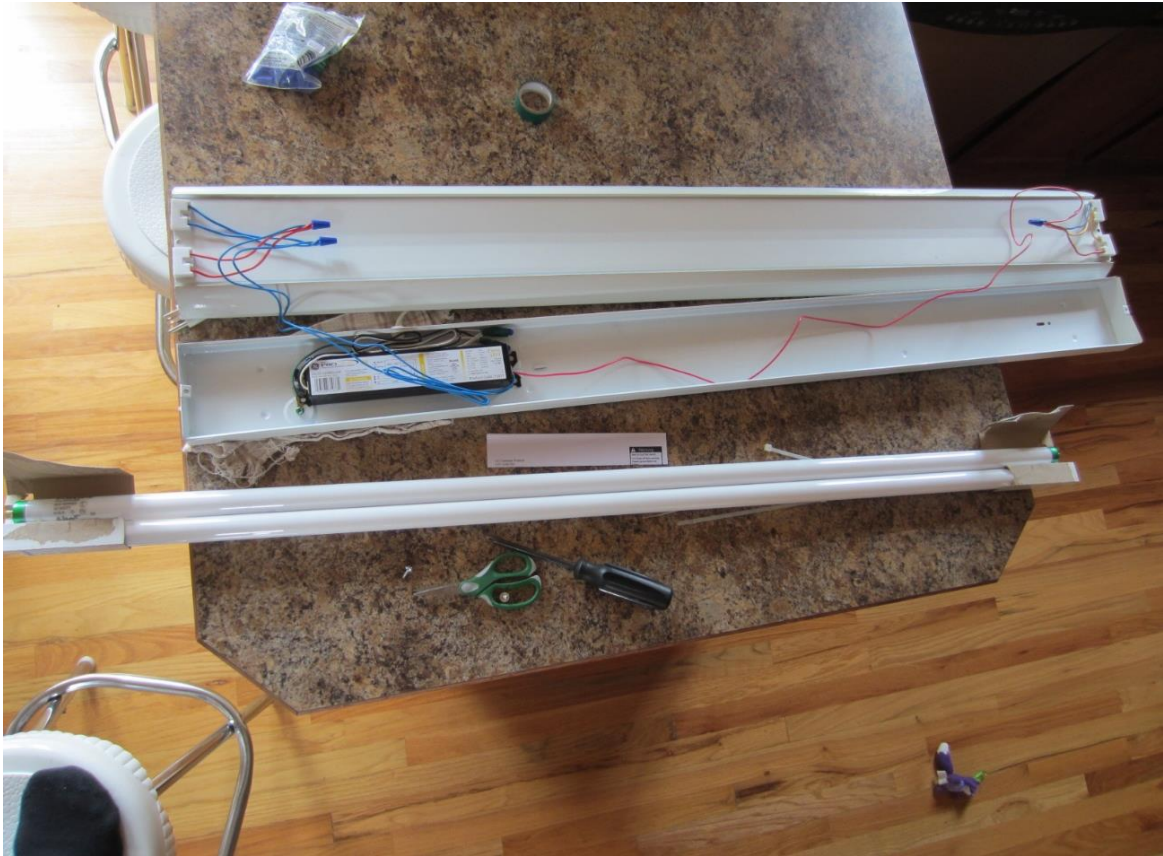
Crushed Lamps

If lamps are purposely crushed, they are no longer universal waste and may be a hazardous waste

- Additionally, this is treatment
 - May require a permit or meeting generator treatment standards



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Lamp Ballast (FLBs)

Lamp ballast may or may not contain PCBs, or otherwise known as:

Poly
Chlorinated
Biphenyls

According to U.S. EPA, PCBs have been shown to cause cancer in animals, and there is also evidence that they can cause cancer in humans.



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Lamp Ballast (FLBs)

- How to tell
 - FLBs manufactured before July 1, 1979 may contain PCBs.
 - FLBs manufactured between July 1, 1978 and July 1, 1998 that do not contain PCBs must be labeled "**No PCBs**".
 - If not labeled "**No PCBs**", assume it contains PCBs unless it is known to be manufactured after 1979.
 - FLBs manufactured after 1998 are not required to be labeled.
- What to do:
 - Not regulated by Ohio EPA, contact U.S. EPA region 5: 800-621-8431 or r5hotline@epa.gov



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Aerosol Cans

- Defined in OAC-3745-273-09(A)(1)
- Requirements
 - Container- in good condition, compatible, protected from source of heat
 - Labeled “Universal waste – Aerosol Cans,” “Waste Aerosol Cans,” “Used Aerosol Cans”
 - If a can shows evidence of leakage- must be packed in separate container with overpack or absorbents



Permitted Activities

- Provided can is confirmed intact
 - Sort by type
 - Mix intact cans of different types in one container
 - Remove actuators to reduce risk of accidental release
- Puncture and drain
 - Specific requirements in OAC 3745-273-13(E)(4)



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Ohio Specific Universal Waste



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Take Note

- Caution when sending this waste out of state
- If not a universal waste in these states is a hazardous waste
- Check that state's rules



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Antifreeze

- Defined OAC 3745-273-09(A)(3)
- Requirements
 - Container is closed and in good condition
 - Stop, contain, and clean up any leaks or releases, properly manage residues
 - Labeled to identify the contents (e.g. used antifreeze, spent antifreeze, recyclable antifreeze)
- Reclamation is permitted, but must comply with OAC 3745-273-13(F)(8)(b)

Paint and Paint-Related Waste



- Definitions:

- Paint- defined OAC-3745-273-09(P)(1)
- Paint-related waste - defined OAC-3745-273-09(P)(2)

- Requirements:

- Container is closed and in good condition
- Stop, contain, clean up, and manage residues from spills
- Labeled to identify the contents (e.g. paint waste, UW paint waste, paint-related waste)



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Paint and Paint-Related Waste

- Ignitable/reactive: stored at least 50 feet from the property line
- Facility managed to minimize possibility of fire, explosion, or unplanned release
- NOT burned for energy recovery or used in a manner constituting disposal



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Universal wastes - defined



What does this mean for you?



Types of universal wastes



Additional Ohio EPA Resources



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Ohio EPA Resources



DERR Guidance and Manuals:
epa.ohio.gov/divisions-and-offices/environmental-response-revitalization/guides-and-manuals



Hazardous Waste Laws (Universal Waste OAC 3745-279):
epa.ohio.gov/derr/derrrules

Recycling Directory:
recyclesearch.com/profile/ohioepa-recycling-directory



Sign up to receive updates on rule changes, trainings, and other resources:
ohioepa.custhelp.com/app/utils/login_form



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Office of Compliance Assistance and Pollution Prevention

Free and Confidential Compliance Assistance –
including onsite assessments for small businesses

Toll Free Hotline: 800.329.7518

Talk to someone in Ohio EPA's Bowling Green Office:
419.373.3095 (Jeremy Scoles) or 419.373.3020 (Tom Cikotte)



Learn More
[***epa.ohio.gov/ocapp***](https://epa.ohio.gov/ocapp)



Thank You

Jessica Susser

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