

Household Hazardous Waste

What is a household hazardous waste?

1. Any material that is defined as “corrosive, flammable, toxic, volatile, poison, or explosive”
 2. This is waste as is, or mixed, that may cause harm, injury, or illness to humans, animals, or the environment.
 3. Many of these items are found under household sinks or in garages.
 4. Check the label on containers to determine if it is hazardous.
- * The average American home has 3-10 gallons of hazardous material.*

Why are hazardous wastes a problem?

1. The hazardous waste in small quantities may not pose a threat, but, in conjunction with material from all your neighbors over time, will cause the waste to accumulate in the soil.
2. These waste can leach into the ground water, which in turn effects our creeks, streams, and Lake Erie (which is our source of drinking water).
3. Discharging some hazardous wastes into a sewer or septic system will alter the bacteria balance needed for treatment.
4. Possible physical injury to refuse haulers.

Helpful Tips

1. Always read product label and follow directions.
2. Buy only what you will need.
3. Use safer alternatives, and recycle when possible.
4. Always store products in a secure area away from children, pets, ignition sources, and make sure the containers are sealed tightly, and labeled.
5. Never mix products.

* There is generally a small fee for disposal by private companies.

* The Paint & Pesticide Roundup, and Tire collection are put on by the Cuyahoga Co. Solid Waste District and are *free*.

* Most material that is able to be flushed down the drain, should only be done so if connected to a sanitary sewer. If on a septic system, the waste should be flushed with plenty of fluids over several days to prevent problems. Or disposed of at someone’s house that is connect to a sanitary sewer.

* If the material needs to be stored until a collection, store it in a sealed, unbreakable container, out of the way of children, pets, ignition sources, and where it cannot freeze.

* Kitty litter can be replaced with saw dust, or vermiculite.

HOUSEHOLD HAZARDOUS WASTE DISPOSAL

Automatic Transmission Fluid

Contact local service stations or auto body shops that recycle motor oil.

Recycle by giving to:

1. Chemical Analytics 216-227-0777

Antifreeze, coolant

If less than 5 gallons, dilute with large amounts of water and flush down the drain, *if* connected to sanitary sewer, otherwise solidify with kitty litter and dispose of in regular trash. **Never dump down storm sewer.**

Recycle if possible:

1. Chemical Analytics 216-227-0777
2. Max-tech Antifreeze Recycling (Toledo) 1-800-360-6299

Acids, household

Muriatic acid (pools, hot tubs) should be used up or given to a friend that has a pool/spa.

Chlorine (pools, hot tubs) should be used up, given to a friend, or dilute with plenty of water and pour down the drain, *if* connected to sanitary sewer.

Acetic or Sulfuric acid should be taken to annual Paint & Pesticide Roundup, or diluted with water and flushed down the drain, *if* connected to sanitary sewer. Consult the local waste water treatment plant if you have large volumes to dispose of.

Aerosols



If the can is empty, dispose of in regular trash.

If the can still has material in it, use it up, give to a friend or hold upside down and depress nozzle to empty container - *outside only*.

Ammunition, Explosives

Do not place in car or move these items, and *do not* try to detonate yourself – call the local police or fire department.

Fireworks should be soaked in water until saturated and then dispose of in trash.

Ammonia, Bleach, Disinfectants, Cleaners : Drain, Glass, Oven, Toilet Bowl, Window, etc.



Use up the material or give to a friend.

Dilute with water and flush down the drain, *if* connected to sanitary sewer.

Solidify with kitty litter and discard with regular trash.

Alcohol (rubbing alcohol/ isopropyl)

Flush down the drain with plenty of water, *if* connected to a sanitary sewer.

Batteries, lead acid

Recycle batteries by taking to a retailer that sells new batteries and takes used batteries to be recycled.

Look in Yellow Pages under “Batteries” for battery stores that take them.

Batteries, disc



These are button batteries: hearing aid, watch, and camera batteries
In order to recycle check with local jewelers, pharmacies, and hearing aid stores who sell them to companies that reclaim the metals.
Dispose of with regular trash.

Batteries, NiCad (rechargeable)

These can be recycled at local Radio Shacks or Ameritech Cellular Stores.

Brake or Transmission Fluid

Call local service station to see if they will take fluid to dispose of properly.

Companies that recycle:

1. Chemical Analytic 216-227-0777
2. M&M Recycling 440-439-9402

Fertilizers/Plant Food

Donate to local garden club or community group.

Dry chemicals - use up, give to a friend to use, or wrap in newspaper and discard in trash.

Wet chemicals - use up, give to a friend, or dilute with water and flush down the drain.

Flourescent Light Bulbs, Tubes & Ballasts

Dispose of in garbage - do not shatter bulbs.

Recycle bulbs if possible:

1. HID Recycling 1-800-200-9716
2. IG Inc. 216-631-7710
3. American Recycling Co. 440-946-2221

Furniture Polish

Use up or give to a friend to use.

Drop off at annual Paint & Pesticide Roundup.

Gasoline, Kerosene

Use up or give to a friend. Do not mix with waste oil, or any other substance.

Oil/Gas Mixture

Solidify with kitty litter and discard with trash.



Glue

Use up or give to a friend.

Dry outdoors away from pets, children, or ignition source, and discard with trash.

Insect Repellants

Use up or give to a friend to use.

Never pour on ground, dump in water, or pour down drains.

Mercury

For small quantities or small spills: (*Wear gloves*)

To clean on a flat surface: use a stiff piece of paper to scoop mercury into a bag and seal, then dispose of in the garbage; or, use strong adhesive tape to collect beads, and put into a bag and seal it, then dispose of the garbage.

To clean from cracks/crevasses use a toothpick, Q-tip, or cotton ball to absorb it, and dispose of in the same way.

Recycle by giving to mercury recyclers:

1. Levine & Son 216-641-3485
2. Cuyahoga Co. Solid Waste District 216-443-3749
(they will also take thermostats)

Medicines, old or outdated

Discard in trash or flush down drain.

Do not use or give to a friend.



Mothballs

Take to annual Paint & Pesticide Roundup.

Recycle by giving to:

1. Chemical Analytics 216-227-0777

Motor Oil

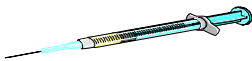
Call city to find out if they recycle, or these local service stations: BP Procure, Lube Stop, Jiffy Lube, Speedy Auto Service, Valvoline Auto Service.

Solidify with kitty litter and discard with trash.

Companies that recycle oil:

1. Puretech 216-623-8383
2. Ullman Oil 440-543-5195
3. M&M Recycling 440-439-9402
4. Chemical Analytic 216-227-0777
5. BBN Oil Recycling 216-786-1888
6. Peerless Oil 440-777-6629

Needles, syringes, and other sharps



Place all needles and other sharps in a rigid container (i.e., empty laundry detergent jug, etc.), seal the bottle, *label the container* "household syringes", and discard in trash. **Do not reuse.**

Paint, oil

Use up, give to a friend, or donate to a community group.

Solidify with kitty litter and discard with trash.

Drop off at annual Paint & Pesticide Roundup.

Paint Recyclers:

1. Hukill Chemical 216-232-9400
2. Safety Kleen 330-273-3111
3. Chemical Solvent 216-741-9310

Paint, latex

Use up, give to a friend, or donate to a community group.

Solidify by evaporating and discard with trash.

Drop off at annual Paint & Pesticide Roundup.



Polish, floor and furniture

Use up or give to a friend.

Solidify with kitty litter and discard with trash.

Pesticides/ Herbicides

Use up, give to a friend, or donate to a local garden club.

Drop off at annual Paint & Pesticide Roundup (for all types).

Botanicals: Pyrethrins, Rotenone, Nicotine

Use up or give to a friend.

Solidify with kitty litter and discard with trash.

Synthetics: Organophosphates, Carbamates, Arsenates, Chlorinated Hydrocarbons

Use up or give to a friend.

Solidify with kitty litter and discard with trash.

Banned Pesticides: DDT, Chlordane, Aldrin, DBCD, Dieldrin, Endrin, Heptachlor, Kepone, Lindane, Mire, Sofrole, Silvex, Strychnine, Toxaphene

Return to manufacturer, if possible.

Call hazardous waste companies to dispose.

Do not place in trash.

Photography chemicals



For information on Kodak products call 1-800-242-2424 and ask for environmental/ technical services.

Many black and white processing chemicals can be diluted with water and flushed down the drain - read label for disposal directions.

Solidify with kitty litter and discard in trash.

Silver in film and enlarging paper is toxic.

Propane, butane cylinders (i.e., gas grill tanks)

Return to manufacturer or retailer - AGA - see Yellow Pages for locations.

If completely empty, dispose of in trash.

Rodent Poison

Use up or give to a friend.

Drop off at annual Paint & Pesticide Round Up.

Dispose of in trash.

Smoke Detectors (ionization type)

Return to manufacturer for recycling.



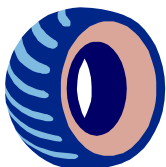
Spot Remover

Use up or give to a friend to use.

Allow to evaporate outdoors away from children and pets, then discard in trash.

Solidify with kitty litter and discard.

Tires



Contact local city Service Department to determine if they collect them, or if the city's trash hauler collects them.

Bring to annual Spring Tire Collection by Co. Solid Waste District 216-443-3749.

Turpentine, Paint thinner, Mineral spirits, Paint stripper, Lacquer, Acetone

Use up or give to a friend.

Reuse by allowing contaminants to settle out in a closed container, then strain the liquid through a paper coffee filter, and wrap sludge in a newspaper and discard in trash.

Drop off at annual Paint & Pesticide Roundup.

Unknown/ Unlabeled Substance



In order to properly dispose of the material, the substance must be known. Handle carefully and examine for signs that indicate possible danger. Contact a local laboratory (in the Yellow Pages under laboratories-environmental) to do a rough test. If you suspect it is a particular waste, a lab may be able to confirm it.

Once you have determined the substances, you can determine how to properly dispose of it.

Water Repellent (i.e., Thompsons)

Use up or give to a friend.

Solidify with kitty litter and discard in trash.

Wax, car

Use up or give to a friend.

If the wax is hardened, dispose of in trash.



Wood Preservatives (Creosote, Pentachlorophenol, Arsenic)

Bring to annual Paint & Pesticide Roundup.

Call hazardous waste companies to dispose.

Wood treated with a preservative

Discard with trash, *never* burn treated wood.

Varnish, Stains

Use up or give to a friend.

Drop off at annual Paint & Pesticide Roundup at Co. Fairgrounds.

*** All this information, and more, can be viewed on our web site at: ccbh.net**