

# HOUSEHOLD HAZARDOUS CHEMICALS CHART



This chart will help you reduce your use of hazardous products and properly dispose of the wastes you have. The information found under "Alternatives/Tips" includes less harmful substitutes to hazardous products. You may find that some of these substitutes require a little more "elbow grease", but they can reduce your exposure to chemicals and create less waste.

For all of these hazardous products, it is best to use it up first. Then, consider purchasing less in the future, or better yet, try one of the alternatives! [KEY TO ABBREVIATIONS: BOZEMAN CONVENIENCE SITE = BCS]



## KITCHEN

### TYPE OF WASTE

- Aerosol cans (empty)
- Aluminum cleaner with acid
- Ammonia-based cleaner
- Drain opener with lye\*
- Floor care products with solvent
- Furniture polish
- Metal polish
- Oven cleaner (lye base)
- Rodent poison

### ALTERNATIVES & TIPS

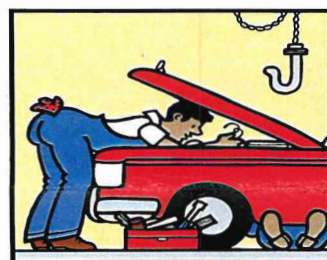
- Use non-aerosol containers, such as pump spray, roll on, or liquid.
- Place item in pot with a solution of equal parts white vinegar and water, bring to boil, then let stand overnight. Rinse and dry.
- Mix 1 qt. warm water with 1 tsp. Borax, and 1 tsp. Liquid soap. If soaking baked-on food, try filling the dish with 3 tbsp. Baking soda mixed with 1 qt. water.
- To prevent clogging, use a drain strainer. To unclog: First, try plunger. Second, pour 1/2 cup baking soda, followed by 1/2 cup vinegar. Cover drain tightly, wait 5 minutes. Then pour teakettle of boiling water down drain. Repeat if needed. Lastly, use a drain snake.
- For vinyl floors, mix 1/2 cup white vinegar or 1/4 cup borax with 1 gallon warm water. For wood floors, mix 1/4 cup oil soap with 1 gallon warm water.
- Mix 1 part lemon juice to 1 part olive or vegetable oil and apply with rag. Or use oil soap to clean and a soft cloth to polish. Rub a paste of salt and vegetable oil on wood furniture to remove water stains, wipe off.
- Take to HHW event.
- Mix 3 tbsp. baking soda with 1 qt. warm water. Sponge on. Don't let the substance touch electric elements. Wait 20 minutes and then clean. For tough stains, scrub with non steel-wool pads and baking soda. Caution: Some oven surfaces are harmed by abrasives.
- Use traps, seal holes, and remove food sources.



## BATHROOM

- Chlorine bleach
- Deodorizer/air freshener
- Disinfectant\*
- Medicine
- Mercury
- Nail polish remover
- Shoe dye
- Toilet, tub and tile cleaner

- Use borax to whiten. If you use bleach, choose a non-chlorine dry bleach. Never mix chlorine bleach with other products.
- Open windows. Place open box of baking soda in closets and refrigerator. Simmer cloves and cinnamon in water. For carpets: Mix 1 part borax with 2 parts cornmeal, sprinkle liberally, wait 1 hour, and vacuum up. For litter box: Sprinkle baking soda in bottom of box before adding litter.
- To discourage mold or mildew, use 1/2 cup borax in 1 gallon hot water. Do not rinse off the borax solution. (Borax is not a disinfectant).
- Substances in medicines vary. Do not flush down the toilet. Contact local law enforcement for more information.
- Collect spilled metal in glass bottle. Do not touch with bare hands! Wear rubber gloves! Obtain medical assistance if exposure is significant. Choose a flex-tape, electronic or other non-mercury thermometer.
- Leave your nails unpolished.
- Apply beeswax or cold-pressed nut oils to leather. Test oils first in an inconspicuous place to determine whether they will stain the leather. Buff to a shine with a chamois cloth.
- Use baking soda or non-chlorine based scouring powder.



## GARAGE

- Antifreeze
- Auto batteries
- Automatic transmission fluid
- Brake fluid
- Carburetor cleaner
- Chrome polish
- Diesel fuel
- Engine degreaser
- Oil
- Gasoline
- Paint: auto

- Take to the BCS or Logan Landfill. Limit 5 gallons/person. No businesses.
- Take back to automotive store when purchase a new battery. Take to the BCS or The Logan Landfill.
- Take to HHW event.
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- Apply a paste of baking soda and water with a sponge. Let set for 5 minutes. Rinse and wipe dry with a soft cloth.
- Take to HHW event or Logan Landfill.
- Use citrus and vegetable oil products instead. Do not mix degreaser with oil.
- Take to the BCS or Logan Landfill. Limit 5 gallons/person. No businesses.
- Take to HHW event or Logan Landfill.
- Take to HHW event.



## WORKSHOP

- Fiberglass & epoxy resins
- Glue with solvent
- Gun cleaner
- Paint: latex
- Paint: oil-based
- Paint stripper with solvent
- Paint thinner/turpentine
- Photographic chemicals (unmixed)
- Varnish
- Wood preservative

- Take to HHW event.
- If dried out, put in garbage. If liquid, bring to the BCS. Choose water-based glues.
- Take to HHW event.
- If unable to use up or give away, add kitty litter, floor dry, sand, sawdust to paint (small amounts only), let solidify in a well-ventilated area away from children and pets, then toss in trash.
- Use latex/water-based paints. Try to use up the product or give away.
- Use heat gun and scraper to remove paint. Alkali-type paint removers are available. A strong trisodium phosphate solution (1 pound to 1 gallon hot water) may do the job. Wear rubber gloves! Brush on, wait 30 minutes, then scrape off.
- Allow paint particles to settle; strain and reuse. Use latex paints and stains.
- Take to HHW event.
- Use shellac, tung oil, or linseed oil.
- Use borax-based products. Never use creosote, pentachlorophenol or arsenic. When possible, use decay-resistant woods such as cedar, redwood, or "plastic wood".



## GARDENING

- Fertilizers
- Fungicide
- Insecticides/pesticides
- Moss killer
- Slug and snail poison
- Weed killer/herbicides

- Use compost, manure, bone meal, fish emulsion or other organic soil amendments.
- Remove diseased plants, leaves, and branches and dispose.
- Talk to local nursery for information on less toxic alternatives. Take to the BCS.
- Use zinc or copper roof flashing. Thatch and fertilize. Infrequent and heavy lawn watering encourages deeper grass rooting and will help dry out moss. Thin trees to reduce shade.
- Use copper strips. Contact a pest management specialist or local nursery for information on less toxic alternatives.
- Weed manually. Contact a local nursery for information on less toxic alternatives.



## MISCELLANEOUS

- Ammunition
- Artists' paints and mediums
- Flea powder
- Fluorescent ballasts
- Fluorescent light bulbs
- Batteries
- Kerosene/lamp oil
- Lighter fluid
- Moth balls/moth flakes
- Pool/spa chemicals
- Rug cleaner with solvent
- Smoke detector (ionization type)
- Spot remover with solvent

- Contact the local law enforcement for information on drop-off.
- Choose water-based paints and mediums. Use supplies without lead, chromium or cadmium pigments.
- Vacuum regularly. Dispose of bags in garbage. Contact your veterinarian for less toxic alternatives.
- May contain toxic PCBs. Do not discard in trash. Take to HHW event or LLF.
- Contain mercury. Do not discard in trash. Take to HHW event or LLF.
- Use rechargeable batteries. Avoid battery-operated products. Take NiCd and button cell batteries to HHW Drop Site.
- Take to HHW event.
- Take to HHW event.
- Thoroughly clean used clothing or furniture before introducing into home. Wash woolens before storing; store in cedar chest or sealed cardboard boxes. Vacuum rugs and behind and under furniture. Shake out woolens periodically.
- Take to HHW event.
- Use soap-based cleaner. Take to HHW event.
- Contains radioactive materials! Return to manufacturer for disposal. Install nonionizing, photoelectric-type detectors.
- Take to HHW event.