

More Tips

- ◆ The best way to avoid household hazardous waste (HHW) is to use fewer chemicals by buying or making safer alternatives that are non-hazardous or less hazardous.
- ◆ If you must use products with hazardous components, use only the amount you need and read the label for instructions.
- ◆ You should always use, store, and dispose of materials containing hazardous waste or dangerous chemicals safely.
- ◆ To prevent accidents, follow disposal instructions on the label.
- ◆ Leftover products may be able to be shared with neighbors; donated to a business, charity, or government agency; or given to a household hazardous waste collection program.
- ◆ Recycling is an economical and environmentally sound way to handle some types of household hazardous waste, such as used car batteries and motor oil. Auto parts stores and service stations often accept used car batteries and used oil for recycling.

Questions?

Contact the Tribal
Environmental Department at:
Epa.soboba-nsn.gov/contact-us



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Chemicals In Your Home



Safer Alternatives for
Your Family and the
Environment

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Hazards in the Home?

Many of the everyday products we use in our homes can be hazardous to people and the environment. Cleaning products can be dangerous when not used in the right amounts or ways and when leftover product is thrown away. Some examples include:

Cleaner	Chemicals	Health Effects
Bleach Cleaners	Calcium Hypochlorite ($NaOCl$)	respiratory irritation, circulatory system collapse, pain, trouble breathing, coma
Glass Cleaner	Butoxyethanol ($BuOC_2H_4OH$) Alcohol (C_2H_5OH)	rashes, nausea, headache, kidney failure or liver disease with long-term exposure
Drain Cleaner	Petroleum Distillates (C_nH_{2n+2})	headache, dizziness, eye irritation, stomach irritation, cardiac arrest
Toilet Cleaners	Hydrochloric Acid (HCl)	burns, eye damage, airway constriction, nausea/vomiting, and death
Air Freshener	Cresol (C_7H_8O)	possible cancer cause, emphysema, pneumonia, liver inflammation, kidney damage, skin burns and blisters, weakness, rapid breathing

Alternative Cleaners

There are several hazardous products you can replace with things you already have in your home.

General Cleaner

(Deodorizes and cleans kitchen and bathroom surfaces): Dissolve 4 tablespoons baking soda in 1 quart warm water.



Drain Cleaner

Put 1/2 cup baking soda and 1/2 cup white vinegar in drain and cover. Let set for a few minutes and then pour a few cups of boiling water down the drain to flush it.



Bathroom Cleaner

Toilet brush and baking soda or vinegar soak for tub



More Alternatives

Vegetable Wash

In a spray bottle mix 1 tablespoon lemon juice, 2 tablespoons baking soda, and 1 cup of water. Shake well and use to remove germs, dirt, pesticides, and wax. Rinse Vegetables after use.



Furniture Polish

Mix 2 parts olive oil and 1 part lemon juice. Apply and polish with a soft cloth.



Glass Cleaner

In a spray bottle mix 1/2 teaspoon liquid soap, 3 tablespoons vinegar, and 2 cups water. For very dirty windows, add more soap.

