

## HOUSEHOLD PRODUCTS DISPOSAL GUIDE

### This is a Suggested Guide to Help Prevent Household Hazardous Wastes

The waste from a single home seem insignificant, but when numerous households use similar products and dispose of them down the drain or in a landfill, the combined effect becomes a major problem. Wastewater treatment may not remove many of the materials we put down the drain and so streams can become contaminated. Soil and air can also be adversely affected. This guide is based on common products and current available information about their content. ***It is for disposal of household size quantities only.*** Chemicals are a way of life in most American homes. A typical home may contain 100-200 products used for cleaning, painting, lubricating, disinfecting, etc., the house, yard, workshop, and garage.

When used according to label direction, most household products pose little hazard to people or the environment. HOWEVER, these products may become hazardous when carelessly used, stored or disposed. Improper use may cause toxic health effects. Improper storage may harm people or the environment. Some chemicals, when released into the environment cause water, soil, or air pollution, and may be toxic to people and/or animals. Improper disposal allows these materials to enter the environment directly. Water may be polluted, wildlife killed, or chemicals may accumulate in the food chain of people or wildlife.

The products listed in this guide typically contain hazardous materials. Hazardous materials may be **toxic, ignitable, corrosive, or reactive (may explode during routine handling)**, alone or in combination with other materials. A few precautions can prevent unused household products or containers from becoming hazardous wastes.

#### **Do's**

Purchase only the amount of product to do the job.

Think carefully before buying a product. Do you really need it? Do you already have something similar?

Look for a non-hazardous or less hazardous substitute for each job.

Read the label and follow use, storage, and disposal directions carefully. (Watch for signal words such as "caution," "warning," or "danger." Keep these products out of reach of children and pets!)

Keep leftover product in original labeled container.

Share unused materials with others if possible if product is in original container with a label.

Recycle oil, antifreeze, and batteries whenever possible.

Drain all containers thoroughly before disposal.

Triple rinse all containers of water soluble materials. Use rinse water according to label.

#### **Don'ts**

Do not dump leftover products. It may be illegal & it contaminates the soil, water and air.

Do not burn used or leftover products. Burning may produce toxic fumes.

Do not bury leftover products.

Do not reuse pesticide or other chemical containers for other purposes.

Do not mix chemical products or wastes.

Do not put any products in the trash in the liquid state.

Do not put toxic materials such as pesticides in the trash or sewer.

Do not put products containing heavy metals (mercury, lead, nickel, chromium, cadmium, etc.) such as rechargeable or mercury batteries in the trash.

Do not mix toxic or other hazardous materials with recyclable products.

	1st.	2nd	Empty
<b>Auto Care Products- Locate recyclers-do not put liquid petroleum products in trash or sewer.</b>			
Waste oil	R	H	X
Engine, transmission fluids, etc	R	H	X
Gasoline & other fuels (1 pint or less)	E	H	X
Antifreeze (1 gallon or less)	S	R	O
Brake fluid	R	H	X
Old car batteries	R	H	-
Organic solvents (cleaners, etc.)	S	H	X
Auto body putty, fiberglass	S	T	X
Car wax (solvent-based)	S	E	X
Windshield washer solution	S	E	O
Lubricating oil	S	H	X
Radiator flush/cleaner	S	P	O

**Chemicals. Do not put products containing toxics, ie. lead, mercury, nickel, cadmium or chromium in trash or sewer.**

Septic tank additives (with solvent)	H	NR	X
<b>Do Not Use</b>			
Photographic chemicals (unmixed)	S	H	O
Photo chemicals (mixed & diluted)	S	P	O
Swimming pool chemicals (undiluted)	S	H	O

**Cleaning Products**

Detergent/soap (laundry, dish, etc.)	S	P	O
Spot remover solvent	S	E	O
Dry cleaning fluids	S	E	O
Shoe polish	S	E	O
Drain cleaner	S	P	O
Abrasive cleaners	S	P	O
Disinfectants (household quantities)	S	P	O
Silver/copper polish (metal polish)	S	H	O
Wood floor, woodwork cleaners	S	H	O
Bleach or ammonia based cleaner	S	P	O
Oven cleaner (lye based)	S	H	O
Toilet bowl cleaner	S	P	O
Window, tub & tile cleaner	S	P	O
Mildew cleaner (fungicide)	S	H	X
Rug/upholstery cleaner (solvent-based)S	S	E	O
Upholstery cleaner (detergent-based)	S	P	O
Floor cleaner or wax	S	E	O
Bathroom cleaners	S	P	O

**Miscellaneous**

Moth balls	S	E	O
Aerosol cans	S	H	O
Smoke detector, radioactive (low level) RTM	S	H	-
Glue (solvent based)	S	E	O
Glue (water based)	S	P	O
Epoxy	S	T	X
Ammunition	S	H	-
Gun cleaning solvent	S	E	O
Lighter fluid	S	E	O
Mercury batteries	H	RTM	-
Rechargeable (Ni-Cad) batteries	R	H	-
Air freshner	S	E	O
Aluminum cleaner (usually toxic)	P	H	O
<b>Do Not Use</b>			
Rust remover	S	H	O

**Paints and related materials (paints need to be in solid form before of disposing in trash.**

Old paint (lead based), <b>Do Not Use</b>	H	NR	X
Paint (lead free, oil base and latex)	S	H	O
Wood stains	S	H	O
Wood preservative (pentachlorophenol)	S	H	O
<b>Do Not Use</b>			
Paint solvents/thinners/turpentine	E	H	O
Paint strippers/finish removers	S	H	O
Vamish/sealers	S	H	O
Asphalt/tar	S	T	X

**Personal Care Products**

Cosmetics	S	T	O
Alcohol-based aftershave, perfume	E	P	O
Permanent lotions	S	P	O
Medicine (expired)	P	T	O
Nail polish	S	E	O
Nail polish remover	S	E	O
Insect repellent	S	H	X
Hair remover	S	P	O
Hair relaxers	S	P	O

**Persticides and Fertilizers. Read and follow label directions.**

Pesticides (herbicides, insecticides, fungicides, etc.)	S	H	X
Suspended/canceled pesticides			

**Do Not Use:**

<b>Aldrin, Chlordane, DBCP, DDT, Dieldrin, Endrin, Heptachlor, Kepone, Mirex, Silvex, Toxaphene, 2,3,5T</b>			
<b>(partial list)</b>	<b>H</b>	<b>NR</b>	<b>X</b>
Rat/mouse poison (arsenic based)	S	H	X
Rat/mouse poison (warfarin based)	S	T	O
Pet flea collars	S	T	-
No pest strip	S	H	-
Fertilizer	S	H	O

**DISPOSAL OPTIONS:**

**1st column -- lists the 1st recommended disposal option.**

**2nd column -- lists alternative disposal option.**

**"Empty" column -- Empty container disposal. The empty container needs to be thoroughly drained, rinsed 3 times, or contents evaporated. Recycle empty containers whenever possible.**

**SYMBOL MEANING:**

- E** Evaporate. Small quantities (pint or less) of solvents (open air, away from flame, people, or animals) and place in trash or use Household Hazardous Collection day.
- H** Household Hazardous Waste Collection Program. If this program is not available in your area, call the Clean Community System (385-5095), Safety Kleen (384-1616) or NE Department of Environmental Quality (402-471-4210)
- NR** NO RECOMMENDED ALTERNATIVE DISPOSAL OPTION
- P** Pour down drain with plenty of water, small quantities at a time only. Read label prior to disposing in septic system.
- R** Recycle/Reuse
- RTM** Return to Manufacturer
- S** Share with neighbors or friends
- T** Trash collection. Solidify all liquids. Recommended putting container and contents in plastic bag before disposing in trash.
- O** Trash collection or recycle empty container, if possible. Trash collection needs to be to an authorized landfill.
- X** Trash collection with special wrapping. Wrap empty container in absorbent material such as newspaper and cover with plastic bag.

**FOR INFORMATION CALL:**

**CITY OF HASTINGS SOLID WASTE DEPARTMENT  
461-2308 or 463-0705**