

# First Nations' Resources

---

## Water Management

### Household Hazardous Waste



# What is a Hazardous Quality?



1. **Toxic** — substances that even in small quantities may poison, cause injury or death when swallowed, absorbed through the skin or inhaled into the lungs.



2. **Corrosive** — substances or vapors that can deteriorate or eat away the surface of another material.



3. **Reactive/Explosive** — substances that can react with air, water or another substance to produce toxic vapors or explode.



4. **Flammable** — substances, usually liquids, that can readily ignite (burn in air) in a wide range of temperature conditions.



5. **Radioactive** — substances that can damage and destroy cells and chromosomal material. Radioactive substances are known to cause cancer, mutations and fetal harm.

6. **Irritant** — substances or vapors that can cause deterioration or irreversible damage to body tissues at the point of contact.

# Where are Household Hazardous Wastes?



## MEDICINE CABINET

- Old prescriptions
- Nail Polish Remover
- Old Perfumes

## LAUNDRY ROOM

- Old detergents
- Stain removers
- Dyes

## WORKSHOP

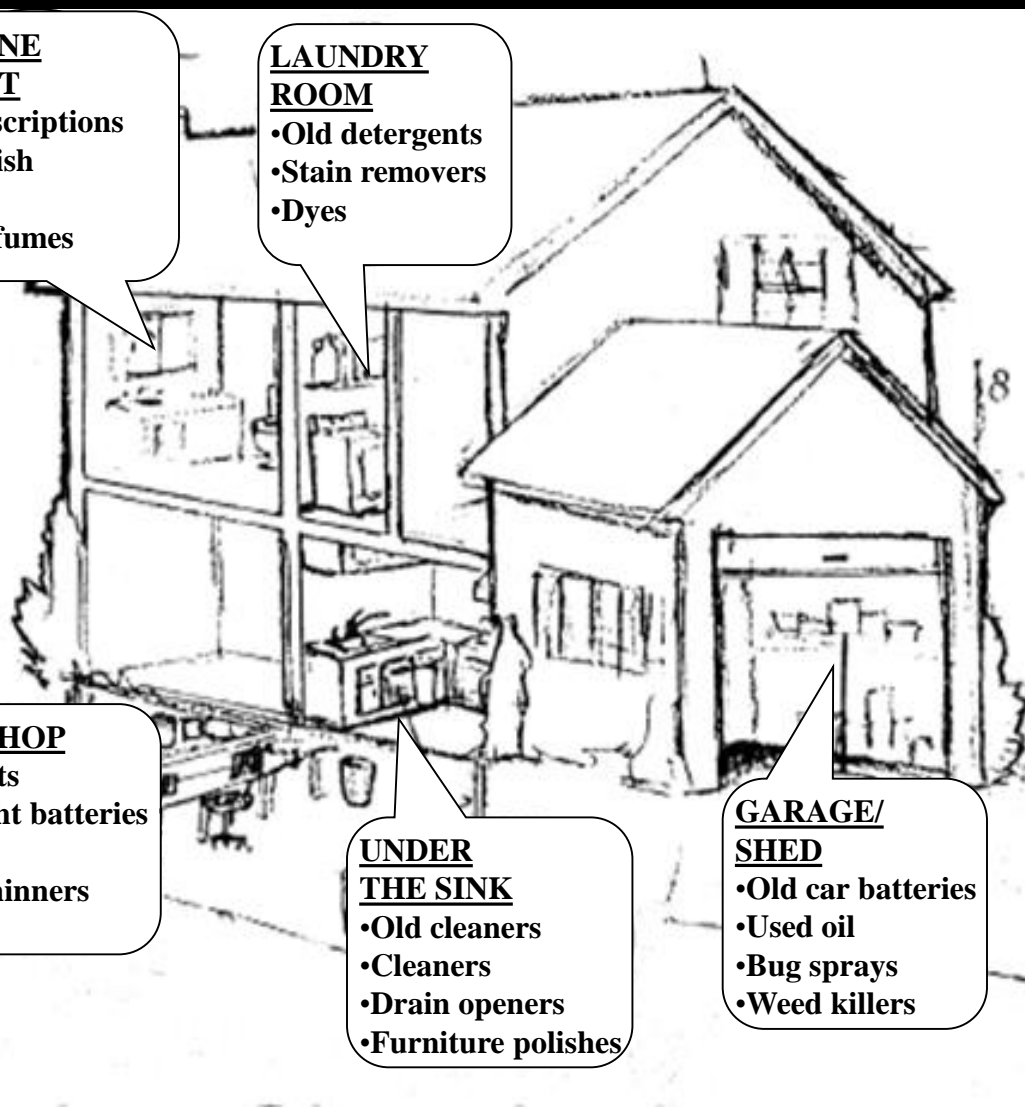
- Oil paints
- Flashlight batteries
- Epoxy
- Paint Thinners
- Glues

## UNDER THE SINK

- Old cleaners
- Cleaners
- Drain openers
- Furniture polishes

## GARAGE/ SHED

- Old car batteries
- Used oil
- Bug sprays
- Weed killers



# Why be concerned?

## Household Hazardous Waste

---



New Brunswick  
Nouveau Brunswick  
Your Environmental Trust Fund at Work  
Votre Fonds en fiducie pour l'environnement au travail

- Household products become a HAZARD when improper use or disposal will cause a threat to the environment or human health.
- Water contamination can be caused by:
  - products that are washed down the drain, or put in storm sewers and by
  - products that are put in the garbage and end up leaching out of the landfill.

# Buying Household Hazardous Products



- Buy only the amount you need thereby preventing disposal problems.
- Avoid buying a different product for every kind of cleaning problem using a general cleaner instead.
- Carefully read the directions and/or health warnings on the label before you buy the product.
- Choose products with child-resistant packages.

# Storing Household Hazardous Waste



New Brunswick  
Nouveau Brunswick  
Your Environmental Trust Fund at Work  
Votre Fonds en fiducie pour l'environnement au travail

- Store in original container
- Periodically check containers for deterioration.
  - If an original container is leaking, enclose it in a clearly marked larger container.
  - Never put hazardous products in food or beverage containers. It may be mistaken for food.
- Store hazardous materials in a cool, dry place that is away from all food and inaccessible to children or pets.

# Storing Household Hazardous Waste

---




New Brunswick  
Nouveau Brunswick  
Your Environmental Trust Fund at Work  
Votre Fonds en fiducie pour l'environnement au travail

- Do not store incompatible products together.
  - Dangerous fires, explosions or toxic chemical reactions could occur.
  - Flammables should never be stored with corrosives.
  - Toxics or poisons should always be kept away from other hazardous products.

# Using Household Hazardous Products



New Brunswick  
Your Environmental Trust Fund at Work  
Votre Fonds en fiducie pour l'environnement au travail

- Read and follow label directions carefully!
  - Use **ONLY** the proper and indicated amount.
- **NEVER** mix chemical products or cleaners!
  - Explosive or toxic chemical reactions may occur  
Example: ammonia products + chlorine = chloramine gas 
- Children or expectant mothers should eliminate or restrict exposure!
  - Children and developing fetuses are much more sensitive to chemicals than adults.





# Using Household Hazardous Products

---

- Avoid splashing;
- Wear protective clothing;
- Use safety glasses if possible;
- Always wear gloves;
- Use in well-ventilated areas and take frequent air breaks.



# Using Household Hazardous Products

---

- Keep the Poison Control Centre number visible and posted near the phone in case of emergencies  
**1-800-244-8353**
- For more serious situations dial **911**.

# Disposal

## Household Hazardous Products

---



- DONATE unused or partially used products in their original containers to local community groups, schools, businesses, or to others who may use them.
- Read and follow label directions for the safe and proper disposal methods of products.
- Do not throw a container from a hazardous product into the garbage unless it is COMPLETELY empty.
- RECYCLE - bring wastes to local agencies who accept them. Contact your municipality for disposal options.

# Groundwater Contaminants

## Household Hazardous Waste



New Brunswick  
Your Environmental Trust Fund at Work  
Votre Fonds en fiducie pour l'environnement au travail

- 5 General Groups

1. Bacteria & viruses

Septic systems / sewer lines; animal wastes

2. Petroleum products & solvents

Home heating tanks; paint thinners

3. Chlorinated solvents

Dry cleaning fluids; metal degreasers

4. Pesticides

Lawn care; agriculture; forestry

5. Inorganic contaminants

Road salt; inorganic fertilizers

# Automotive Hazardous Waste



New Brunswick  
Your Environmental Trust Fund at Work  
Votre Fonds en fiducie pour l'environnement au travail

## Product

- Antifreeze
- Automotive batteries
- Auto paint & primers
- Brake & transmission fluid
- Carburetor cleaner
- Engine cleaners & degreasers
- Gasoline, diesel & kerosene
- Motor oil
- Oil filter
- Windshield washer fluid

## Hazardous Property

- Toxic Irritant
- Toxic Corrosive
- Toxic Flammable
- Toxic Flammable
- Toxic Corrosive
- Toxic Flammable
- Toxic Flammable
- Toxic
- Toxic
- Toxic Irritant

# Pesticides and Garden Hazardous Waste



New Brunswick  
Your Environmental Trust Fund at Work  
Votre Fonds en fiducie pour l'environnement au travail

## Product

## Hazardous Property

Ant Killer

Toxic

Irritant

Chemical Fertilizers

Toxic

Flea & Tick Collar, Shampoo, Spray  
or Powder

Toxic

Irritant

Insect Repellant

Irritant

Moth Balls

Toxic

Irritant

No-Pest Strip

Toxic

Pesticides & Herbicides

Toxic

Irritant

Rat & Mouse Poison

Toxic

House plant & household insecticides

Toxic

Irritant

# Hobby & Recreation Hazardous Waste



New Brunswick  
Your Environmental Trust Fund at Work  
Votre Fonds en fiducie pour l'environnement au travail

## Product

Ammunition

Dyes

Firearm-cleaning solvents

Photographic chemicals

Pool chemicals

Solvent-based glues

## Hazardous Property

Explosive

Toxic Corrosive

Toxic Flammable

Toxic Corrosive Irritant

Toxic Corrosive

Toxic Flammable

# Household Cleaners

## Hazardous Waste



New Brunswick  
 Your Environmental Trust Fund at Work  
 Votre Fonds en fiducie pour l'environnement au travail

### Product

- Abrasive cleaners & scouring powders
- Ammonia-based cleaners
- Bleach-based cleaners & chlorine bleach
- Carpet & upholstery shampoo
- Disinfectants
- Floor cleaners
- Glass & window cleaners
- Oven cleaners
- Spot remover
- Toilet bowl cleaner
- Drain openers & cleaners

### Hazardous Property

- Toxic Corrosive
- Toxic Corrosive Irritant Reactive
- Toxic Corrosive Reactive
- Toxic Irritant
- Toxic Corrosive
- Toxic Corrosive
- Toxic Corrosive
- Toxic
- Toxic Irritant Flammable
- Toxic Corrosive Irritant
- Toxic Corrosive



# Other Household Hazardous Waste



New Brunswick  
Your Environmental Trust Fund at Work  
Votre Fonds en fiducie pour l'environnement au travail

## Product

## Hazardous Property

Aerosol spray can products		Flammable
Prescription & over-the-counter drugs	Toxic	
Floor polish	Toxic	Flammable
Furniture polish	Toxic Irritant	Flammable
Home hair care products	Toxic Irritant	
Rechargeable (NiCd) batteries	Toxic	
Household (alkaline) batteries	Toxic	
Nail polish & remover	Toxic	
Shoe polish	Toxic	Flammable
Silver polish	Toxic	
Ionizing smoke detectors		Radioactive

# Paint

# Hazardous Waste



## Product

Adhesives

Enamel or Oil-based Paints

Latex or Water-Based Paints

Fiberglass & Epoxy Resin

Furniture & Paint Stripper

Stains, Varnishes & Lacquer

Thinners, Solvents & Turpentine

Wood Preservative

## Hazardous Property

Toxic Irritant

Toxic Irritant Flammable

Toxic

Irritant

Toxic Flammable

Toxic Flammable

Toxic Flammable

Toxic Irritant Flammable

# In Closing Household Hazardous Waste

---



New  
Nouveau Brunswick  
Your Environmental Trust Fund at Work  
Votre Fonds en fiducie pour l'environnement au travail

- REDUCE
- REUSE
- RECYCLE