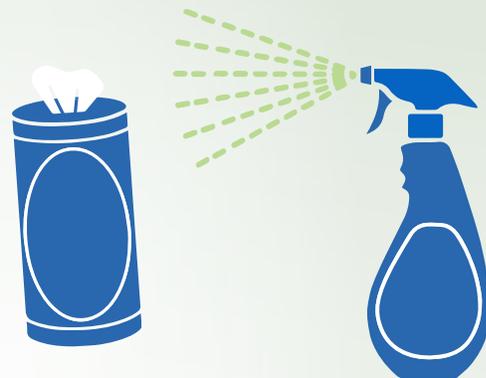


Hazards on the Homefront

Household Hazardous Products and Safer Choices

Activity Guide for Grades 3-5 at home

Household hazardous products are items that can be harmful to you, the community and the natural environment. There are many products that could be hazardous in our living spaces if they are used, stored, or disposed of incorrectly. Use this activity guide to become a **Safety Superhero** and keep yourself and the people you live with safe!



Safer Choices Challenge

Take the Safer Choices Challenge! Come back to this page after visiting the different sections of this activity guide. Then complete actions on the board to get a BINGO (3 in a row, down, or across). By the time you're done with this activity guide, you may be able to complete all the actions on the board!

<p>Circle the word CAUTION in yellow whenever you see it in this guide</p>	<p>Share one tip for safe storage of household hazardous products with another person</p>	<p>With an adult's permission, make the Safer Cleaner Recipe in this guide</p>
<p>Share one safety tip from this guide with another person</p>	<p>Circle the word DANGER in red whenever you see it in this guide</p>	<p>Read the label of a shampoo or liquid soap bottle – are there signal words?</p>
<p>Name one area of your home you can help clean</p>	<p>Wash your hands with soap for at least 20 seconds</p>	<p>Visit one of the additional web resources links in this guide</p>



Know the Hazards – Word Search

T E E D R O W L A N G I S O E
N S A M V H U S N O D O E U A
E S U O T A D O S E O O D D E
M C H T N Z I T S L E O L T V
E I S N E A S S C B G S O C I
T X U Z M R P I O A T R H P S
A O O G E D X O R M O E E O O
T T N O N O S I A M A A S E R
S U O V T U A G G A P C U S R
Y T S D T S L O E L M T O A O
R S I U S S O D U F U I H V C
A H O S U D V M O O C V P O I
N R P P R O D U C T A E T L A
O C C O M R E S S E A R L O M
I T O R R D I S G O S A Z N T
T C S R R D I A P O S E G S C
U P A A R D R S P O A L O S U
A O L U O O I S P E Z B V C D
C E O H T D S S V E A A D O O
E S V S S D I I V E R M U R R
R A D U I D A P V E D M Z A P
P V E O O D L O H E S U O H Y

Find the hidden vocabulary words in the word search to learn more about household hazardous products. Words may be written forward, backwards, across, down, or diagonal.

Household

Hazardous

Product

Toxic

Poisonous

Flammable

Corrosive

Reactive

Signal word

Precautionary Statement

Storage

Disposal

SAFETY TIPS

Only have one product container open at a time, especially cleaning products, to avoid dangerous reactions. Never mix cleaning products.

Vocabulary list:

Household – where you live and who you live with

Hazardous – may be harmful

Product – something you buy at a store

Toxic or poisonous – harmful if swallowed, inhaled, or absorbed through the skin

Flammable – can catch fire or explode at low temperatures

Corrosive – can eat away materials and living tissue

Reactive – can react with air, water or other products to cause dangerous mixtures

Signal word – a word that tells us a product may be harmful

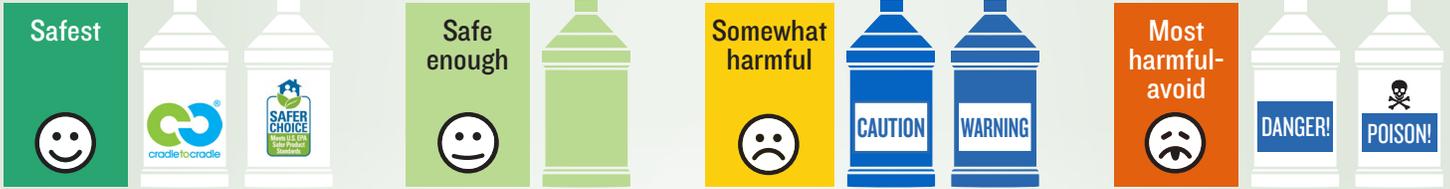
Precautionary Statement – describes actions to prevent harm and stay safe if using a product

Storage – where we keep products in our household

Disposal – how we safely get rid of products when we are done using them



Read the Label Before You Buy



Please note: EPA Safer Choice products are the safest in their class, even if it says CAUTION on the label.

Label Reading

Labels give us important information, including **SIGNAL WORDS** and **PRECAUTIONARY STATEMENTS**. This information helps us learn about potential hazards. Read the labels to complete the table.

Signal Word – Caution, warning, danger, and poison are four signal words used on hazardous product labels to show possible risks.

Precautionary Statement – Describes actions to prevent harm and stay safe if using a product

Product Label	What is the signal word?	What is the precautionary statement?
CAUTION – Do not mix with other cleaning products.		
POISON – May be harmful or fatal if swallowed.		
WARNING – Keep away from flame.		
DANGER – Keep away from children.		

Safer Cleaning Recipes

Try your hand at safer cleaning! Most of the time, we need to *clean* our household to remove dirt and grime. Sometimes we will need to *disinfect* when we want to kill germs when people are sick. Ask an adult to help you make these *safer cleaner recipes* for cleaning windows, mirrors and floors.

Window & mirror cleaner

- 1/2 cup white vinegar* spray bottle
 - fill bottle to top with water
 - spray and rub with a lint-free cloth or newspaper
- Note: Not for use on painted surfaces.*
- * Vinegar smell goes away once dry.

Floor cleaner

- mix 1 tablespoon liquid dish soap 1 gallon warm water bucket
- mop with solution

Note: Adjust recipe depending on liquid dish soap you use.

SAFETY TIPS

- When possible, choose to buy products with an EPA Safer Choice logo, or with no signal words.
- Avoid products labeled "Danger" or "Poison".

Store it Right!

No matter what products we use at home, it is important to know how to safely store them.

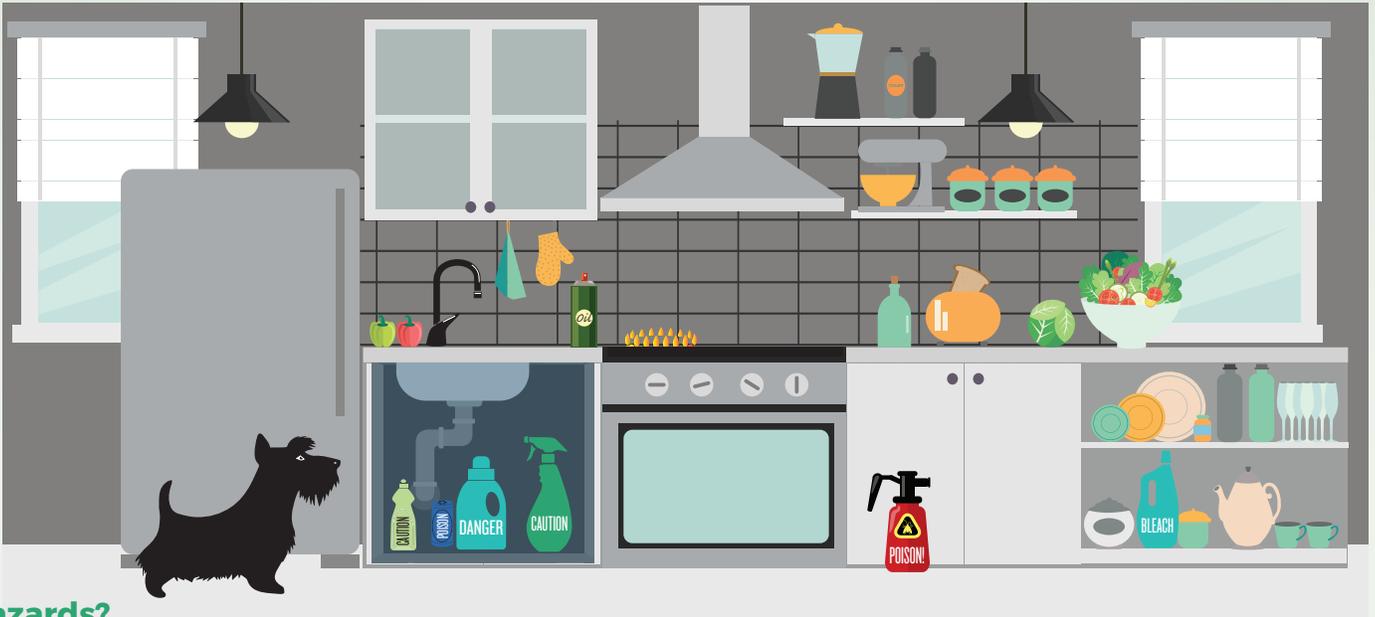
SAFETY TIP

Always store household hazardous products out of reach of young children and pets, as well as away from food.

Spot the Difference

Can you spot the differences between the two kitchens?

Find the hazards and safer storage choices and list them in the spaces below.



Hazards?



Safer Storage Choices?

Answer Key

Safer storage choices – Flammable cooking spray stored in a cool cupboard. Non-chlorine bleach stored up high in a separate cupboard above the sink, away from food. Products labeled “Caution” or “Warning” stored up high in a separate cupboard above the sink, away from food. Roach trap on the floor instead of bug spray. No chemicals stored in cupboard with food.

Hazards – Flammable cooking spray next to lit stove. Bleach stored next to food. Bug spray can on the floor. Open cupboard under the sink with hazardous chemicals inside. Products labeled “Danger” and “Poison” in the cupboard under the sink.

Where does it go when I'm done?

How can we **SAFELY DISPOSE** of household hazardous products? Draw a line to match the items listed on the left with where you think the item should go when you are done with them or no longer want them – down the drain, into the trash, or to the *free* household hazardous waste drop-off site at Factoria.



FLUSHABLE WIPES



BUG SPRAY
POISON



DISH
SOAP

(Empty)



DISINFECTANT
DANGER



TRASH



FACTORIA
HOUSEHOLD HAZARDOUS
WASTE DROP-OFF SITE



SAFETY TIP

Pouring household hazardous products down the drain or placing them in the garbage can be harmful to our environment and people in our community. Take unwanted household hazardous products to the Factoria Hazardous Waste Collection site. Visit <https://www.hazwastehelp.org> for more information.

Answer Key

Flushable wipes – Trash; Batteries – Haz Waste site; CFL bulb – Haz Waste site; Bug Spray – Haz Waste site; Disinfectant – Haz Waste site; Do not pour anything down the drain to dispose of it! Many cleaning chemicals cannot be removed by wastewater treatment and can enter waterways.

Additional Resources



Hazardous Waste Management Program -
www.hazwastehelp.org

- **Factoria Household Hazardous Waste Drop-off Site -**
<https://www.hazwastehelp.org/HHW/disposal-locations.aspx#factoria>
- **Hazardous Waste Management Program - What to Bring, What NOT to Bring -**
<https://www.hazwastehelp.org/HHW/whattobring.aspx>
- **Safer Cleaning Recipes -**
<https://guiltfreekc.org/resource/how-to-make-green-cleaners/>

EPA - Disinfectants for Use Against Coronavirus -
<https://www.epa.gov/pesticide-registration/list-n-disinfectants-use-against-sars-cov-2>

! SAFETY TIP

Avoiding products that say CAUTION, WARNING, DANGER or POISON can keep you and the people you live with safer.



Congratulations - You have earned your Safety Superhero badge! Thank you for keeping your household, your community, and the environment safe.

 For alternate formats, interpreters, or reasonable accommodation requests please phone at least 48 hours in advance 425-452-6932 (voice) or email recycle@bellevuewa.gov. For complaints regarding accommodations, contact City of Bellevue ADA/Title VI Administrator at 425-452-6168 (voice) or email ADATitleVI@bellevuewa.gov. If you are deaf or hard of hearing dial 711. All meetings are wheelchair accessible.

If you have any questions regarding the ADA statement above or need help please reach out to ADA Coordinator Blayne Amson, bamson@bellevuewa.gov or 425-452-6168.