

Chemical Look-a-Likes

INSTRUCTIONS

Nobody can tell the difference 100% of the time between safe and unsafe substances based on appearance.

For more information or to borrow the matching pull-up display, please contact the Canadian Agricultural Safety Association at (204) 452-2272 or email: info@casa-acsa.ca.

Our Chemical Look-a-Likes are meant to showcase the uncanny resemblance between common safe and unsafe substances, providing proof that dangerous materials stored in food containers look the same as safe ones, posing unnecessary threats to your health.

Target Age: Grade 2 to Adult

Funding provided by:

Canada 

Growing Forward 2 | **Cultivons l'avenir 2**

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Invite a group of up to 8 to get really close to the display. Bring their attention to the (optional) pull-up banner/display case, saying something like- **“See those two blue liquids, one is window cleaner and the other is a sports drink. What if you found a drink container filled with blue liquid. How could you tell if it was safe to drink? Can you tell the harmful from the safe, just by looking? Let’s see.”**

Then ask someone close to the display case to choose between the sports drink and the window cleaner in 3 and 4. Continue with different people guessing until you’ve checked about four.

Emphasize the fact that they are guessing, that nobody can truly tell the difference just by looking. Get them to agree. Then ask them how to keep safe when faced with choosing what to drink. Tell them not to drink or eat anything unless a trusted adult supplies or OK’s it.

Speak to the adults about the importance of storing potentially harmful chemicals in non-food containers, labelling the containers and locking them well out of reach of children.

Answer Key

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|------------------------------------|--|---------------------------|-----------------------------------|
| 1 Rubbing Alcohol | 7 Lime Powerade | 13 Anti-Freeze | 19 Motor Oil |
| 2 Water | 8 Mr. Clean | 14 Lime Kool-Aid | 20 Maple Syrup |
| 3 Window Cleaner (Windex) | 9 Snowmobile Oil | 15 Dentyne Gum | 21 Strawberry Kool-Aid |
| 4 Blueberry Gatorade | 10 Grape Juice | 16 Nicorette Gum | 22 Windshield Washer Fluid |
| 5 Candy | 11 Sugar | 17 Cough Syrup | 23 Apple Juice |
| 6 Antacid Tablets (Rolaids) | 12 Cascade (Dishwasher Detergent) | 18 Cherry Kool-Aid | 24 Cleaning Product |