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retire bad actor chemicals!

For more information on each bad actor visit www.toxies.com



The Toxies by Physicians for Social Responsibility-Los Angeles and Californians for a Healthy and Green Economy is licensed under a



bad actor bingo: a trivia game

Time: About 45 minutes Ages: 12 and up

Players:

- Up to 20 individual players or teams
- Game Facilitator: Keeps the trivia questions and score card paper, reads the bad actor trivia questions off in random order and checks off each question that has been read and answered.

In your game kit you will find:

- A score card with 45 Bad Actor Trivia questions
- 20 game boards with a 4 x 4 grid of bad actor chemicals that correspond to the **Bad Actor Cards**
- 240 place markers

Directions:

- Every player takes a game board and 12 place markers.
- The Game Facilitator keeps the score card and reads the first trivia question.
- Trivia questions should be read in random order.
- The player that shouts "Toxies" and raises his or her hand first gets an opportunity to answer the question.
- If the player answers the question correctly, the player gets to put a marker down on that bad actor square on his or her game board. Only players that answer the question correctly may put a marker down on that bad actor square.
- If the player provides an incorrect answer, the player that shouted "Toxies" second, gets an opportunity to answer the question.
- Whoever makes a horizontal, vertical, or diagonal line across their game board first wins. The yellow square is a free spot!

| perch | lorate | meth | yl iodide |
|---------|--|--------|--|
| | This bad actor chemical affects the thyroid, can be found in fireworks, and makes its way into people through contaminated ground water. | _ | This bad actor che time in California. |
| | Over 700,000 pounds of this bad actor chemical is used in every space shuttle launch. | | This bad actor is a Before being used |
| | Barstow, California's water supply was cut off for four days in 2010 because of this bad actor chemical contaminating the town's ground water. | mercu | ıry |
| dioxi | | Ц | In 2011, Vermont processed |
| | This bad actor chemical was the main ingredient in Agent Orange, which was sprayed in Southeast Asia during the Vietnam War. | | The Marvin Gaye Minnesota was the |
| | In January 2011, high levels of this chemical in animal feed forced the closure of more than 1,000 farms in | phtha | ılates |
| | Germany and the slaughter of at least 8,000 egg-laying chickens. This was one of the main chemicals found at Love Canal in Niagara Falls, NY where hundreds of families were evacuated 1978-1980 due to widespread contamination. | | This bad actor was flexibility, transpa This 2010 Toxies w |
| triclos | | | widespread attent |
| | Which bad actor chemical is added as an antibacterial/antifungal agent in many soaps and toothpaste? Which chemical has been banned in Canada because of its association with allergies, cancer and reproductive harm, but is still added to many personal care products in the U.S.? | | This 2010 Toxies w which showed that have autism. |
| | Doctors are worried this bad actor chemical is helping breed a new generation of antibiotic resistant super- | toluei | |
| | bacteria. | | This 2010 Toxies w |
| halog | enated flame retardant | | This bad actor was |
| | This bad actor is a class of chemicals and commonly found in furniture foam, electronics, and building | _ | to cause leukemia. |
| | materials. The foam in products for babies and toddlers often contains this bad actor, which builds up in their bodies | | During the first ann |
| ш | and has been linked to toxicity to the brain, thyroid, endocrine and reproductive systems. | h | membership in the |
| | Chlorinated tris, PBDEs, TCEP, and Firemaster 500 are all names for this bad actor. | | loroethylene |
| bpa | | | This bad actor che This bad actor is p |
| | This plastic additive is also a synthetic sex hormone, which has links to diabetes, obesity, predispositions to breast and prostate cancer, and heart disease. | | workers can develor This bad actor che |
| | This chemical can be found in baby bottles, food can linings and receipts. | hexa | valent chromit |
| | By eating fresh foods, you can reduce the levels of this bad actor chemical in your body by as much as 60%. | | This 2010 Toxies w Hinkley, California |
| formo | ıldehyde | _ | Toxies recognition. |
| | In 2010, hair-straightening product Brazilian Blowout was discovered to contain high concentrations of this bad actor. | | This 2010 Toxies w |
| | Personal care products, cosmetics, nail polish, household cleaners, and particle board are all common items | perflu | orochemicals |
| | this bad actor chemical can be found in. Workplace exposure to this chemical is associated with spontaneous abortion, abnormal menstrual cycles, and nasal sinus cancer. | | When cooking in a This 2010 Toxies w |
| lead | | П | repellant for food This 2010 Toxies w |
| | High exposure of this bad actor occurs through substandard housing and toxic-emitting facilities. | Ц | Scotchguard. |
| | This bad actor has been discovered in many consumer products including children's bounce-houses, toys, | n-me | thyl pyrrolido |
| | jewelry and pottery. Exposure to this bad actor in the U.S. costs \$50.9 billion a year in healthcare costs for children. | | The 2010 Toxies w graffiti remover. |
| | | | This 2010 Toxies w |

| neth | yl iodide |
|------|---|
| | · |
| | This bad actor is a pesticide and a chemical warfare agent, produced by Arysta LifeSicence. |
| | Before being used in agriculture, this bad actor was primarily used in a laboratory setting to induce cancer |
| nerc | ury |
| | |
| | The Marvin Gaye song, "Mercy Mercy Me" mentions which Toxies winner this year? |
| | Minnesota was the first state to ban the use of this bad actor in mascara. |
| hth | alates |
| | This bad actor was a 2010 Toxies winner, and is a member of the "toxic trio," used in plastics to increase flexibility, transparency, and durability. |
| | This 2010 Toxies winner was discontinued in some products like plastic rubber duckies, but is receiving widespread attention for its role in fragrances, lotions, shampoos, nail polish, and cleaning products. |
| | which showed that children that live in homes with vinyl floors containing this chemical are more likely to |
| | have autism. |
| olue | |
| | This 2010 Toxies winner caused Fetal Solvent Syndrome more than 30 years ago. |
| | This bad actor was a 2010 Toxies winner and is a close chemical relative of benzene, known for decades |

first annual Toxies in 2010, this bad actor carried a bottle of a nail polish to indicate p in the "Toxic Trio."

- ctor chemical accounts for the majority of all dry cleaning fluid in the United States.
- ctor is primarily used in small mom and pop shops, and according to the US EPA, exposed n develop memory loss and other health conditions.
- ctor chemical is estimated to have contaminated 1 in 10 public drinking wells in California.

nromium

- Toxies winner co-starred in the movie Erin Brockovich alongside Julia Roberts.
- alifornia was made famous by this chemical's presence in its groundwater, and received 2010 gnition.
- Toxies winner is used in the production of stainless steel, textile dyes, wood preservation, leather nd in anti-corrosion coatings. It made it to California's Prop 65 list in 2008.

nicals (PFC)

- ing in a non-stick Teflon pan, you may be mixing this 2010 Toxies winner into your dinner.
- Toxies winner persists in your body for decades, is used widely as a water, stain and grease or food wrap, carpet, furniture and clothing.
- oxies winner can be found in such popular products as Gore-Tex, Teflon, Stainmaster, and

olidone (NMP)

- oxies winner is an industrial solvent and makes frequent appearances in paint stripper and
- Toxies winner "showed the most" last year, and causes developmental damage; lowered birth elayed physical development, behavioral deficits.
- ☐ This acutely toxic skin irritant was a 2010 Toxies winner and is known to cause reproductive damage like testicular atrophy and has been used for decades as a catalyst in chemical mixtures.