



Have you ever asked yourself...

- * Is there more cancer around these days?
- * Why are there more pregnancy difficulties, infertility, or miscarriages?
- * Why do more kids have ADHD now?
- * Is male sexual dysfunction more prevalent now?
- * What damage are we really doing to our planet by using plastic?
- * What's causing the early onset of female puberty?

In the following report you may find answers to some of your questions

Early in 2000 my mother, Diane Collins, was diagnosed with cancer. And like many, I did an enormous amount of research looking for the magic cure. Unfortunately there wasn't one and she passed away in November 2001. However, during my research I discovered many possible causes of cancer that I'd never heard of before and whether it's a conspiracy, or simply ignorance by us, the general public, I feel it's time people became aware of some of these issues. Some are becoming mainstream, while others are still lurking in the dark.

One that was new to me was Bisphenol A (BPA). Primarily this project was established because of this chemical being "the most potent toxic chemical known to man." (Dr Frederick Vom Saal)

The other key reason for this brochure is to look after this fragile and vulnerable planet and some of the helpless animals / mammals that we share it with.


Gary Collins

What is BPA (Bisphenol A)?

BPA is widely used to make polycarbonate plastics such as those in baby bottles, water bottles and compact disc cases and is an ingredient in the resins used to line food cans. The chemical has been shown to leach into food or water. To see a complete definition of BPA, please go to www.safebottles.co.nz. The following is a direct quote from Food Standards Australia New Zealand (FSANZ). As you will see they acknowledge that BPA and other chemicals do leach into food and liquid. However, they also say that it's not proven to be harmful and doesn't cause cancer.

In some circumstances, chemicals in food packaging can migrate into the food product and vice versa, depending on the nature of the packaging and the food contained within.

Food Standards Australia / New Zealand

The following are quotes relating to BPA and chemicals found in plastic water bottles that I've taken from www.safebottles.co.nz - to see the full quote and source please go to our website.

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Taylor suggests that when pregnant women are exposed to the oestrogen mimicking properties found in BPA, it can impact the reproductive tract development and the future fertility of female fetuses. In essence this research shows that BPA may prevent the embryo from attaching to the uterus for further development.

In men the oestrogen mimicking effects of BPA have been known to block some of the more important effects that testosterone has on sexual functioning. Those who were exposed to BPA were four times more likely than those who were not exposed to report some sort of sexual dysfunction.

Associate Professor of Department of Reproductive Sciences - Yale

But even though PETE (used in many plastic bottles) doesn't contain BPA (as seen on 60 Minutes 9/6/2010), it does contain other chemicals called phthalates - which are also believed to be endocrine disruptors. *Mindfood.com*

Like BPA, these chemicals leach into the water more quickly when the plastic is heated, so don't leave these water bottles in a hot car or out in the sun. A potentially deadly toxin is being absorbed into bottled mineral water from their plastic containers. And the longer the water is stored, the levels of poison increase, research reveals. *Jo Knowsley*

Our findings suggest that exposure to low-dose BPA may have widespread effects on brain structure and function. The Food and Drug Administration (FDA) continues to classify BPA as safe, basing its ruling only on the findings of two industry-funded studies.

There are over 200 independent scientists, not in conflict financially with this chemical (BPA), saying we find it relating to obesity, prostate cancer, breast cancer, diabetes, brain disorders such as attention deficit hyperactivity disorder, liver disease, ovarian disease, disease of the uterus, low sperm count for men and the list goes on.

David Gutierrez Natural News

After years of insisting Bisphenol-A (BPA) posed no threat to the health of babies, six larger manufacturers of baby bottles have announced they will stop shipping new baby bottles made with the chemical. *Mike Adams, Natural News*

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BPA shows up in the bloodstream of 95 percent of Americans. BPA is a common compound found in plastic. There may be some in your water bottle or jug. It is also in the plastic lining of cans of soft drinks and beer. *Mike Adams, Natural News*

A 2007 review of 700 studies involving BPA, published in the journal *Reproductive Toxicology*, found that infants and fetuses were the most vulnerable to adverse effects from this toxic substance. *C W Randolph, MD*

This finding may also implicate BPA as a cause of endometriosis and other reproductive tract disorders that occur in women later in life, decades after being exposed as fetuses and/or infants. *C W Randolph, MD*

Consensus statement by several dozen scientists warned that BPA, even at very low exposure levels, is probably responsible for many human reproductive disorders. *D.Lindsey Berkson*

The researchers indicated that such damage is a possible predictor of reproductive diseases in women, including fibroids, endometriosis, cystic ovaries and cancers. Earlier studies linked low dose BPA to female reproductive-tract disorders, as well as early-stage prostate and breast cancer and decreased sperm counts in animals. *Andreas Moritz*

Environmental Health Perspectives found that detectable levels of BPA leached into liquids at room temperature. This means just having your plastic water bottle sitting on your desk can be potentially harmful. The best thing to do is to avoid plastic altogether. *C W Randolph, MD*

In 2004, one researcher counted up all of the studies done to date on just BPA. Of 104 studies done by independent researchers, 94 found adverse effects. *Donna Jackson Nakazawa*

The latest study showed that women with a history of miscarriages were found to have higher levels of BPA in their bodies. The women who had miscarriages were found to have BPA levels on average about three times higher than women who had successfully given birth. *David Steinman*

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BPA is commonplace - found in copious brands of fruit, vegetables, soda and other frequently eaten canned goods. It migrates from the can or plastic into the contents, which are then ingested.

Brenda Watson and Leonard Smith

BPA is at unsafe levels in one of every ten servings of canned foods (11 percent) and one of every three cans of infant formula (33 percent). *Brenda Watson and Leonard Smith*

There are enough warning signs to show the need to act sooner rather than later. There are growing concerns about bottled water in particular in plastic bottles.

The safest option is stainless steel. *Breastcchek.co.nz*

New polycarbonate bottles leach small amounts of BPA, which in animal tests has been shown to cause abnormalities in the mammary and prostate glands and the female eggs of laboratory animals as well as accelerating puberty and adding to weight gain. *Deirdre Imus*

Canada became the first country to ban a widely found chemical from use in baby bottles, spurring a leading Democrat in the U.S. Senate to call for legislation that would prohibit use of Bisphenol A, or BPA, in a number of everyday consumer products. *Lindsay Layton & Chris Lee*

It's pretty clear that the highest risk is for newborns and young infants. Wal-Mart Canada began pulling all baby products containing BPA from its shelves this week and the chain said it plans to stop selling products containing BPA in U.S. stores. *Lindsay Layton & Chris Lee*

The National Toxicology Program of the National Institutes of Health concluded that there is "some concern" that BPA may cause problems in fetuses, babies and children, including breast or prostate cancer early onset of female puberty, attention deficit disorder and other problems of the reproductive and neurological systems. *David Gutierrez*

In spite of the report's cautious wording, BPA expert Frederick vom Saal said that it is "very, very much in line" with a statement signed by 38 scientists in 2007, warning that BPA could be harming infant development. "This is going to ripple around the world" vom Saal said "Women showed higher body burdens than men". *Frederick vom Saal*

Bisphenol A is such a dangerous chemical that I have no doubt it will one day be banned from all food and beverage products. *Frederick vom Saal*

The following are countries which have taken action against BPA - Canada, Denmark, Belgium and France - so far.



Those with the most BPA in their urine had nearly three times the risk of heart disease more than twice the risk of diabetes, as well as signs of liver damage. Unfortunately, the levels of BPA that were associated with disease are within the EPA's industry-friendly levels of safety." *Byron Richards*

The polyethylene terephthalate ethylene (PETE) in these bottles doesn't contain BPA, but when scratched or heated, other chemicals could be released into your water. *Christie Aschwande*

The following research is by world expert Dr William Shotyk - who has vowed never to drink bottled water again - "I don't want to shock people but here's what I know: Antimony is being continuously released into bottled drinking water. The water in PET bottles is contaminated".

Antimony finds its way into water by 'leaching' from the plastic in the same way that water absorbs flavour from a tea bag.

Jo Knowsley

Leaving bottled water out in the car changes the chemical equilibrium so that the materials from the plastic go into the water faster, says Smith. *Janet Majeski Jemmott*

High concentrations of antimony can cause nausea, vomiting and diarrhoea. Evidenced by the recent study which was also highlighted here at Natural News where 90% of cord blood from babies was found to contain BPA.2.

If you have a baby that you are formula feeding, you are likely to be exposing your child to BPA through the formula itself, which is almost assuredly packaged in a BPA-lined can. *Aaron Turpen*

In most countries, BPA is legal in food storage - including baby bottles, containers and so forth. Very few companies are using BPA-free containers for anything. *Aaron Turpen*

Children in particular have trouble filtering the toxin out of their bodies. High levels of BPA in the body have been shown to interfere with the effectiveness of medical procedures such as chemotherapy and liver tests. *David Gutierrez*



To see each of the quotes in full and the source please go to **www.safebottles.co.nz**

The following are some startling facts that I guarantee will change your way of thinking and hopefully your actions.

They've changed mine!

Plastics and the Environment

- On average people use 168 plastic water bottles each per year
- We spend on average \$588.00 per person on water bottles each year
- It takes 700 years before plastic bottles start to decompose and can take up to 1000 years to fully decompose
- Approximately 86% of plastic bottles aren't recycled in USA, in NZ it's 78%
- Approximately 1500 bottles end up in landfills and the ocean **every second**
- 60 million plastic water bottles are used each day in the US alone, 30 million in Europe, **more than 100 million worldwide every day**
- It takes 3-5 litres of water to make 1 empty plastic bottle
- Plastic bottles are a petroleum product and use 151 billion litres of oil to produce each year. That's enough to run 500,000 cars per year
- The water industry uses a further 1.7 billion litres of oil in distributing the water bottles around the USA alone
- 2,500,000 tons of carbon dioxide is produced in the manufacturing of plastic bottles each year
- Up to 24% of bottled water comes directly from the tap (USA)
- United Nations Environment Programme estimates that in every single square mile of the sea, there's 46,000 pieces of plastic floating worldwide
- 80% of all rubbish in the ocean comes from activities from the land, 20% from the activities at sea
- Algalita Marine Research Foundation recently did a study of 660 fish that shows on average each fish contained more than 2 pieces of plastic. One fish had 26 particles
- The Algalita Marine Research Foundation estimates as much as 1 million pieces in 1 square km in the Great Pacific Garbage Patch
- There's an area estimated to be the size of Texas (some say twice the size) in the Pacific Ocean known as the Great Pacific Garbage Patch that is a swirling mass of plastic trash
- Many researches and environmental organisations list plastic as the number one threat to our marine environment
- Plastic kills millions of birds, animals and fish every year because they eat it, get caught in it or choke on it
- More than 80 species of seabirds have been found to ingest plastic
- 90% of Laysan Albatross chick carcasses contain plastic
- In turtles, plastic has been shown to block intestines and make the animals float so they can't dive for food
- 8 million items of marine litter have been estimated to enter oceans and seas every day
- In a 1998 survey, 89 per cent of the litter observed floating on the ocean surface in the North Pacific was plastic
- The AMRF in 2002 found 6 kilos of plastic for every kilo of plankton near the surface. This can be as much as 30-60 times in some places
- 70% of the marine litter that enters the sea ends up on the seabed
- It takes about 272 billion litres of water a year, worldwide, just to make the empty bottles
- It's expected that in 2010, for every single person on this planet we'll use 100 pounds of plastic, most of which will take 1000 years to decompose
- Plastics are like diamonds they really are forever.

If you'd like to see where these statistics came from please go to www.safebottles.co.nz



So why buy stainless steel SAFE BOTTLES if you're not already convinced?

- 18/8 food grade quality stainless steel
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- 100% money back guarantee
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- 100% recyclable
- No plastic liner
- Free sports lid for when you're on the run
- Dishwasher safe
- Lifetime guarantee on bottle



Gall

Gary Collins
Managing Director

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