

You Tube: Dr. Russell Blaylock: Fluoride's Deadly Secret 1/5

You Tube: Dr. William Hirzy, US Senate Hearing- Safe Drinking Water Act

You Tube: FLUORIDE "amounts to public murder on a grand scale" Dr Dean

You tube: Fluoride: The Bizarre History - Full Documentary

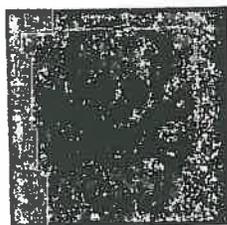
[www. Fluoride Action Network.org](http://www.FluorideActionNetwork.org)

You Tube: The Fluoride Deception

You Tube: The Hidden Agenda: The Fluoride Deception

Chloramine Causes Collateral Health Damage" by Dr. Winn Parker

Safety (MSDS) data for chloramine



General

Synonyms: chloramide, chloroamide, monochloramide, monochloramine, monochloroamine, chloroammonia, monochloroammonia

Use: emergency water disinfectant, synthetic intermediate

Molecular formula: H_2ClN

CAS No: 10599-90-3

EINECS No:

Physical data

Appearance: colourless to yellow liquid with a pungent odour

Melting point: -66 C

Boiling point:

Vapour density:

Vapour pressure:

Density (g cm^{-3}):

Flash point:

Explosion limits:

Autoignition temperature:

Water solubility: soluble

Stability

Unstable. Solvent-free material decomposes violently. Light, air and heat sensitive.
Reacts with oxidizing agents.

Toxicology

May act as a mutagen. Harmful if swallowed or inhaled.

Toxicity data

(The meaning of any abbreviations which appear in this section is given here.)

Risk phrases

(The meaning of any risk phrases which appear in this section is given here.)

Transport information

(The meaning of any UN hazard codes which appear in this section is given here.)

Personal protection

Safety glasses, gloves, good ventilation. **Do not prepare or handle the pure material before a full risk assessment has been prepared.**

Safety phrases

(The meaning of any safety phrases which appear in this section is given here.)

[Return to [Physical & Theoretical Chemistry Lab. Safety home page.](#)]

This information was last updated on October 8, 2003. We have tried to make it as accurate and useful as possible, but can take no responsibility for its use, misuse, or accuracy. We have not verified this information, and cannot guarantee that it is up-to-date.

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FDA needs to ban BPA in all food containers

By Jeanne Rizzo, R.N., president and CEO, Breast Cancer Fund - 09/27/12 11:45 AM ET

By October 10, the U.S. Food and Drug Administration will decide whether to ban the toxic chemical bisphenol A, or BPA, from infant-formula containers. The agency is reviewing a petition to do so submitted by Democratic Rep. Ed Markey of Boston. In July, the FDA banned BPA in baby bottles based on a similar petition from the American Chemistry Council. Both petitions argue the market is no longer using BPA in baby bottles and infant-formula containers, so let's go ahead and make it official that the chemical should not be used for these purposes.

While it's good to get official bans on BPA in baby bottles and infant-food containers, the FDA acting based on market abandonment is not good public health policy. In fact, it's not public health policy at all. When the agency entrusted to make sure our food is safe will only ban a toxic chemical's use after industry has stopped using it, while continuing to allow its use in other food containers, including baby food and canned foods eaten by kids and pregnant women, it's hard not to conclude that the FDA is protecting industry, not public health.

Not convinced yet? Consider this: The FDA rejected petitions submitted by Markey calling for a ban on BPA in baby-food containers, food cans and reusable storage containers because the congressman's office could not prove that the market had abandoned using BPA in these applications. So, not only is the agency saying, sorry, we'll only do retroactive bans, it's also showing its cards that it does not know who's using BPA and in what applications, and putting the onus outside the agency to prove that industry is not using BPA. Is this any way to manage public health?

Industry abandoned BPA in baby bottles and infant-formula containers because consumers demanded it. The public demand grew out of a growing body of scientific evidence linking BPA to a host of diseases—including breast cancer. Most of us are exposed to BPA every day. In fact, the CDC found BPA in 93 percent of all Americans tested, and the National Institutes of Health point to food packaging, including food cans, which are lined with BPA, as a major route of exposure. BPA has been found in the blood and urine of pregnant women, in the umbilical cord blood of newborns and in breast milk soon after women gave birth.

In January 2010 the FDA said BPA warranted "some concern" for its potential effects on children's development, and the agency said it would fully reassess the safety of BPA. In the subsequent 20 months, the body of scientific evidence against BPA has only grown. Now, more than 200 lab studies show that exposures to even low doses of BPA, particularly during pregnancy and early infancy, are associated with a wide range of adverse health effects later in life, including breast cancer. Studies show that BPA exposure can make non-cancerous breast cells grow and survive like cancer cells, and can actually make the cells less responsive to the cancer-inhibiting effects of tamoxifen, a drug used in the

treatment of breast cancer.

The scientific evidence and the resulting consumer backlash against BPA is bad news for the American Chemistry Council—the chemical industry’s front group that has fiercely defended BPA until its curious move to petition the FDA to ban BPA in baby bottles. One can only imagine that the logic at play was: because our clients’ customers have already abandoned this use of the chemical, let’s call it an official ban, and hope that dampens public outrage around BPA. And the FDA seems to be playing along.

If the FDA’s best scientific judgment is that BPA is a harmless chemical, that it is OK for pregnant women, children and babies to be exposed continuously to it, then the agency should defend that position and not implement any partial bans. If the FDA knows that this chemical has no place in the lives of vulnerable, developing infants and children, then it should take action and ban it in all products that come in contact with food.

So while we applaud the scientists who continue to add to the evidence against this toxic chemical, the consumers who built the demand for BPA-free food containers, and the health professionals and advocates who have kept this issue in the public eye, we cannot applaud the FDA. The agency is tasked with making decisions in favor of public health based on scientific evidence—not on politics, not on commercial interests, and certainly not because a chemical use has been abandoned. The American people deserve better.

*Rizzo, R.N., is president and CEO of the **Breast Cancer Fund**, which works to prevent breast cancer by eliminating exposure to toxic chemicals and radiation linked to the disease.*

Source:

<http://thehill.com/blogs/congress-blog/healthcare/258951-fda-needs-to-ban-bpa-in-all-food-containers>

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More Communities Succeed in Eliminating Water Fluoridation, While Chemical Industry Raises the Stakes

September 08, 2013 | 274,517 views

By Dr. Mercola

After generations of misleading propoganda about the benefits of water fluoridation, the truth is finally getting some traction.

According to the former EPA risk assessment scientist, Dr. William Hirzy, water fluoridation still remains a government policy because of "institutional inertia [and] embarrassment among government agencies that have been promoting this stuff as safe."

Indeed, contrary to popular belief, the science clearly demonstrates that fluoride is a toxic chemical that accumulates in your tissues over time, wreaks havoc with enzymes, and produces a number of serious adverse health effects, including neurological and endocrine dysfunction. Children are particularly at risk for adverse effects of overexposure.

Yet despite the scientific evidence *against* the practice, the United States lags far behind other nations in acknowledging the mistake and ending this tragic "public health" measure. As usual, the big lie must continue to protect faith in long term public health policies and agencies.

As a result, individual communities around the US have taken up the fight to end water fluoridation in their own local areas. Today, Dr. Paul Connett and I are pleased to report a number of victories, both in the US and abroad.

An 8-Year Long Fight Ends in Victory, Yet Trouble Brews

Dr. Paul Connett, PhD, a chemist and executive director of the Fluoride Action Network (FAN), is a recognized leader in the fluoride education movement, spearheading the organized efforts to remove fluoride from our water supply in the US and elsewhere.

One of the organization's past victories took eight years to secure, namely the phasing out of sulfuryl fluoride, which is a toxic fumigant. In the face of defeat, the chemical industry has resorted to blatant political maneuvers to protect their toxic income stream.

"This was a major victory for us after [FAN] was formed in 2000. It took us eight years to get the EPA Pesticide Division to accept our objections to the use of sulfuryl fluoride by Dow AgroSciences as a fumigant on food," Dr. Connett explains.

The idea of using sulfuryl fluoride as a food fumigant was extremely worrying as it not only leaves toxic residues on food, but can be lethal to humans in its pure gas form—the form in which it is applied to the food. According to Dr. Connett, people have died during the application of the fumigant.

When applied to food, it breaks down into free fluoride. Many American children are already heavily overexposed to fluoride, so this added source of exposure can only worsen matters. (Organic foods do not permit its use.)

FAN argued that the Food Quality Protection Act requires companies who want to market a pesticide to show that the cumulative dose—meaning the dose that will end up on the food as residues, *plus* already existing exposure from other sources—will not exceed the safe reference dose. Dr. Connett explains what happened in this case:

"We were able to show, very easily, that millions of children are already exceeding the safe reference dose of fluoride from a combination of sources – in the water, toothpaste and other dental products, pollution, and so on. No way should the EPA allow Dow to add more fluoride to the food supply."

Story at-a-glance

Fluoride is a toxic substance that accumulates in your tissues over time, wreaks havoc with enzymes, and produces a number of serious adverse health effects, including neurological and endocrine dysfunction

A rider in the 2014 House Appropriations Bill would cut back a lot of EPA's work and prevent the agency from phasing out sulfuryl fluoride, a toxic fumigant used on food. Take action now to stop this rider!

Despite being severely outspent by fluoride proponents, citizens in Wichita, Kansas and Portland, Oregon voted NO on water fluoridation; Connecticut, South Carolina, and Minnesota are looking at lifting mandatory fluoridation rulings

There are now 15 regional councils in Queensland, Australia that are either stopping fluoridation or refusing to start. Hamilton, NZ also recently voted to stop water fluoridation

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The Blaylock Wellness Report

Living a Long Healthy Life

September 2004

Edited by Russell L. Blaylock, M.D.

Vol. 1, No. 4

Quick Facts

- Studies confirm brain damage
- Aluminum and fluoride
- Water safety
- Increased risk for ADD, ADHD, dyslexia
- Fluoride's links to Alzheimer's disease, Lou Gehrig's disease
- Sleep problems
- Fluoridated drinking water and cancer
- Fluoride and bone cancer in young men
- Crippling bone disease
- Thyroid function
- Links to male infertility and impotence
- Myth: Teeth and fluoride toothpaste
- Action to take
- California wines
- Magnesium malate: Prevents aluminum absorption

Why Fluoride Is Toxic

The primary reason fluoride began being added into drinking water years ago was to reduce cavities; the general public may not know that fluoride also can injure the nervous system and even cause cancer.

Degenerative brain diseases such as Alzheimer's are possibly linked to drinking fluoridated water. Cancer, behavioral problems, thyroid suppression, male infertility and impotence are also some examples of what may happen to the body when too much fluoride is present. And the combination of fluoride and aluminum is toxic enough that scientists warn about its connection to Parkinson's and Lou Gehrig's diseases.

Fluoride will not kill you outright or cause dementia over a short period of time. But at certain levels it will accumulate in your brain and can lead to a form of degeneration.

I lectured at the Fluoride Action Network conference on the subject of the toxic effects of water fluoridation and urged everyone to stop the government from using drinking water to medicate the public.

Fluoride and the Brain

A number of fairly recent studies have shown significant damage to many parts of the brain caused by fluoride. One study showed that rats given fluoride while still in the womb became hyperactive, much like what we see in childhood ADHD. Newborn and adult rats given fluoride reacted much differently; they became "couch potatoes."

The difference lies in how the brain develops at different ages. In humans, for example, the most rapid brain growth and development occur in the last three months of pregnancy and the first two years after birth. This means the brain is especially susceptible during that time to damage by toxins such as fluoride. Of course, results are determined by when the toxin was first given and for how long, and the dose.

Even more frightening is what one world-renowned scientist discovered: Fluoride can accumulate in the brain. With every drink of water,



the fluoride levels in the brain increase — and so does the danger to you.

The Truth About Studying Fluoride

Dr. Phyllis Mullenix, a leading neurotoxicologist, developed a sophisticated method to study behavioral patterns using a computer. She would photograph interactions of test rats given fluoride and feed the results into a computer program.

Much to her surprise, she discovered that the fluoride was causing significant behavioral problems, not only when rats were exposed in the mother's womb, but also soon after birth and even as adults. Upon examining seven areas of the animals' brains she found that the longer an animal drank fluoridated water, the higher the brain level of fluoride. She also found that a high accumulation of toxins over time reaches levels that always cause brain injury.

Critics charged Dr. Mullenix with using doses of fluoride much higher than people are commonly exposed to. But researchers should know that rats have difficulty absorbing fluoride. In comparing rats to people, the only thing that should be looked at is the blood level; the amount of fluoride in the blood determines the amount of fluoride reaching the brain.

The blood levels in Dr. Mullenix's rats equaled that seen in humans exposed to fluoride levels approved by the Environmental Protection Agency (EPA) as safe. Approved levels of fluoride in drinking water are up to 4 parts per million, or 4 ppm.

After presenting her findings to the EPA and National Institute of Dental Health, Dr. Mullenix faced great opposition from colleagues. Fellow scientists who once clamored to use her computerized system now eschewed any communication with her.

Her very expensive computerized behavioral analysis equipment was destroyed by a contrived "accident". In addition, all of her lab animals were killed and their bodies incinerated.

More Studies Confirm Brain Damage

The number of studies showing significant damage to various parts of the brain continues to grow,

most of the studies coming from Mexico, China, Japan, Spain, Italy, Ireland, Sweden, Canada and England. Very few studies come from labs in the United States, but those that do find fluoride to be very toxic to the brain.

Entities such as National Institutes of Health and National Institute of Dental Health are to blame for fewer U.S. studies as they refuse to fund fluoride safety research.

What we do know is that in China, children who drink fluoridated water have lower IQs than those who don't. Many villages and cities in China have natural fluoride levels that are high, and Chinese scientists have found a drop of 10 points in IQ in fluoridated cities.

But some challengers say these scientists didn't account for possible lead exposure, so tests were redone. The Chinese scientists made careful measurements of all factors including lead and fluoride. The end result? They found the same lowering of IQ caused by fluoride in the drinking water.

Mexican studies fared no better. An article in the journal *Epidemiology* showed that children drinking water with EPA-approved fluoride levels had problems with reading and writing.

Again, care was taken to control for factors that might adversely affect the results. In fact, urine fluoride levels were measured to prove that the greater the fluoride exposure the worse the tests results. Note that most cities set fluoride levels in drinking water well below EPA-approved levels.

The Alzheimer's Connection

What is the connection between Alzheimer's disease and fluoride? Studies show plenty. While drinking fluoridated water is not the cause of Alzheimer's, there is a link.

One study found that fluoride in the drinking water of rats caused significant reduction of a brain receptor critical for learning and memory, which are the same receptors reduced very early in Alzheimer's disease.

Scientists including Dr. Phyllis Mullenix and Dr. Albert Burgstahler, an organic chemist and editor of *Fluoride*, indicated to me yet another study showing

that fluoride added to water in the presence of even small amounts of aluminum caused severe destruction of brain cells in the part of the brain controlling learning and memory, the hippocampus.

Clearly, these studies demonstrate that fluoride could cause an early onset of the disease and make it progress more rapidly. In fact, when combined with other toxins we all are exposed to, it can make matters worse.

Alzheimer's patients also have dramatic increases in gut absorption of aluminum, as do children with Down syndrome. In one study, fluoride increased by seven times absorption of aluminum from the gut and significantly increased the entry of aluminum into the brain.

The Toxic Effect of Fluoride and Aluminum

All of us are exposed to numerous sources of aluminum — in foods, canned drinks, aluminum cans and cookware, deodorants, vaccinations, medications and pesticides. And, as we all may know, there is further compelling evidence that aluminum plays a major role in Alzheimer's disease and possibly Parkinson's and Lou Gehrig's diseases.

The combination of fluoride and aluminum is so toxic that even in concentrations half those added to drinking water will cause severe destruction of critical brain cells. You will have a hard time thinking, remembering and performing normal brain functions with this toxic duo.

The same can be true for your children. Combining aluminum and fluoride may very well increase the risk of ADD, ADHD, dyslexia and other developmental brain disorders of children, especially when combined with other toxins from the environment. These studies are compelling and frightening.

The Pineal Gland: Another Area of Concern

A recent study by Dr. Jennifer Luke at the School of Biological Sciences at the University of Surrey in England found that fluoride accumulates in the pineal gland in the brain. Of the pineal

glands she obtained from six elderly people dying of unrelated causes, she found fluoride levels 2,500% higher than other areas of the brain. The fluoride was accumulating in enormous amounts in the calcium deposits normally found in the pineal of older people.

So, why is this important? The pineal gland is the source of the very important hormone melatonin, the same hormone sold in health food stores to aid in sleep. Melatonin regulates the onset of puberty in boys and girls, it regulates the onset of sleep and it protects the brain against damage by free radicals and what is known as lipid peroxidation, the main destructive reactions seen in all degenerative brain diseases.

In fact, individuals with Alzheimer's disease commonly have lower melatonin levels than do individuals of similar age.

But it is the latest findings that are so startling:

- Young girls who live in cities with fluoride in the water have been known to begin menstruating five months sooner than their counterparts in non-fluoridated towns.

- Newborns with the lowest melatonin levels had the most problems with behavioral development.

- Brain protection in adults is being altered.

Fluoride and Baby's Brain Development

Since baby animals exposed to fluoride develop high levels of free radicals in their brains, it makes one wonder what happens to human babies. Unfortunately, it is the same damage.

Researchers examined the brains of aborted babies five to eight months into a pregnancy who were from areas having naturally high fluoride levels in the drinking water.

What researchers found was alarming: The brain cells of the babies were grossly abnormal and nerve fibers were not even compatible with typical human nerve fibers. The brain cells in the babies were grossly abnormal and the nerve fibers were misplaced and swollen. These brains were miswired. Keep in mind the fluoride levels in the drinking

water were within the "safety guidelines" established by the EPA. No other causes for this damage were found.

Individuals who counter these results say there was up to 4.5 ppm of fluoride in the water, and guidelines call for only 1 ppm. I object to their finger-pointing and say it doesn't take a brain surgeon to see that this does not leave much of a margin of safety, especially when the EPA usually uses a 100-times margin of safety for such toxins.

And we have seen that fluoride accumulates in the brain, reaching levels equal to these studies. Yet most important is the fact that even their estimates found that the average person is taking in 3 ppm per day through foods, drinks and pesticide exposure. More accurate estimates found an average daily consumption of fluoride of 4 to 8 ppm.

Here's a great example of how fluoride can sneak up on you. In the South, most people drink iced tea with their meals. All teas contain very high levels of fluoride as well as aluminum. Because the summers are so hot, a large number of people are drinking large volumes of this fluoride-laden tea.

Many foods and drinks also are high in fluoride, such as de-boned meats, gelatin and American wines, especially California wines.

Pesticides, too, are a problem, because they contain cryolite, a compound containing aluminum and fluoride in high concentrations. Interestingly, workers in cryolite industrial plants have been found to have a high incidence of thinking disorders as well as genetic damage.

Fluoride and Cancer

In 1975, Dr. Dean Burk, the former chief chemist of the National Cancer Institute, and Dr. John Yiamoyiannis conducted a study comparing cancer death rates in the 10 largest fluoridated cities matched with the 10 largest non-fluoridated cities. These cities were matched for equal cancer death rates before the fluoridation experiment was begun.

They found that once cities began including fluoride in their drinking water, cancer death rates began to climb. After 13 to 17 years of fluoridation of their drinking water, these cities experienced a 10

percent increase in cancer death rates compared with the non-fluoridated cities.

The incidence of cancer would be even higher than the cancer death rates, since many people with cancer will not die of the disease during the years studied.

The Centers for Disease Control and Prevention (CDC) repeated the study using a larger number of cities and found similar results. Interestingly, both scientists proved their case in court against representatives from the National Cancer Institute.

Several other doctors found even more frightening associations between fluoridation of drinking water and cancer incidences. Dr. Donald Austin of the California Tumor Registry discovered the cancer death rates in California were 40 percent higher in fluoridated communities and Dr. Victor Ceilioni showed the cancer death rates in Canadian cities were 15 percent to 25 percent higher in fluoridated Canadian cities compared with non-fluoridated cities.

Although a heavy proponent of fluoridation, the U.S. Public Health Service discovered similar results as Drs. Austin and Ceilioni after following up its initial fluoridation program.

In the first of the fluoridated cities in the U.S. — Grand Rapids, Michigan — the Public Health Service found a 22 percent increase in cancer death rates compared with the non-fluoridated control city of Muskegon, Michigan.

We can now show a strong connection between fluoridated drinking water and cancer death rates. And the evidence gets even stronger. As a result of these studies and the fact that the U.S. Public Health Service could not defend fluoride safety, Congress ordered a study of the problem to be conducted by the Battelle Memorial Institute in Columbus, Ohio.

The Battelle Institute announced its findings and released proof of the connection between fluoride and cancer of the mouth in February of 1989.

The study showed:

► At 45 ppm, there was a 12 percent increased incidence of oral cancers, such as cancers of the tongue and gums. Subsequent studies did indeed