

LET'S STOP ADDING LEAD TO OUR DRINKING WATER

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DRINKING WATER ADDITIVES CONTAIN LEAD.

The type of fluoride utilized in [Seattle](#), [Everett](#), and [Tacoma](#), fluorosilicic acid, contains [lead](#) and [leaches lead from pipes and fittings](#). [Lead permeates all cells in the body](#), [reduces IQ](#), and causes [kidney disease](#) and [high blood pressure](#).

FLUORIDE SWITCH. Fluoridation started in 1945 with sodium fluoride (from the aluminum and uranium industry), but the supply was soon insufficient. Fluorosilicic acid, (from the phosphate fertilizer industry) was substituted, being cheaper and more abundant. Studies by [Coplan](#), [Masters](#), [Maas](#), and [Sawan](#) show that there is much [more lead in tap water fluoridated with fluorosilicic acid](#) than with [sodium fluoride](#). Why?

ORTHOSILICIC ACID, THE CULPRIT. Fluorosilicic acid when diluted [breaks down primarily into fluoride ion, hydrogen fluoride, and orthosilicic acid](#). [Orthosilicic acid readily dissolves lead](#). Orthosilicic acid has an extremely low [dissociation constant](#), meaning that the amount of soda ash (sodium carbonate) alkalizer added to neutralize the fluoride ion is insufficient to neutralize the orthosilicic acid.

THERE ARE MANY FLUORIDES. Around 92% of people drinking fluoridated water, drink [fluorosilicic acid](#) or its salt, sodium silicofluoride, together referred to as silicofluorides (**SiF**). Around 8% drink **sodium fluoride (NaF)**. SiF and NaF are much more toxic than naturally occurring [calcium fluoride \(CaF\)](#). Fluoridationists claim to be "adjusting" the naturally occurring fluoride level, but instead are adding man-made industrial fluorides which do not occur naturally. Naturally occurring CaF can be fairly pure. NaF is industrial grade but relatively pure; SiF is industrial grade toxic waste, highly contaminated with heavy metals. SiF contains and [breaks down into hydrogen fluoride](#)—which is highly [poisonous](#) and penetrates stomach, placental, and brain barriers—plus [orthosilicic acid](#), which dissolves lead.

TOXIC WASTE. The fluorosilicic acid used is the unfiltered and unprocessed scrubber liquor from the smoke stacks of phosphate fertilizer plants in Florida, Mexico, and China. It contains or breaks down into [fluoride ion, hydrogen fluoride, orthosilicic acid. It contains lead and arsenic. Batches can contain mercury, cadmium, chromium, copper, thallium, selenium, and barium](#). Thallium is radioactive and emits beta radiation. [Fluorosilicic acid may contain trace amounts of nearly every element on the periodic table](#). It is not pharmaceutical grade. SiF has never been approved by the [FDA](#), [EPA](#), [CDC](#), or any other federal or state agency for consumption in tap water. The FDA has approved pharmaceutical grade fluorides for topical use, as in toothpaste, but the fluoride is to be spat out. If more than the smallest amount is swallowed, one is to [call poison control](#).

TOOTH DECAY. Fluoride is added allegedly to reduce caries, however, studies posted on the CDC website claim [only an 18-25% reduction](#) in caries, meaning it is 75-82% ineffective. Tooth decay has dropped just as much in [non-fluoridated continental Europe](#) as in fluoridated United States, so fluoridation cannot be the causal factor. [Tooth decay correlates with poverty](#), bad diet, and lack of dental care, and [not with the percentage](#) of the population [fluoridated](#).

BLACKS, HISPANICS, AND THE POOR in general are more sensitive to lead, arsenic, and fluoride

than the general population due to [poor nutrition](#), low milk consumption, and vitamin D deficiency. The poor are unable afford to buy fluoride-free water or filter it out. A distiller is the most reliable way to remove tiny fluoride ion. [Alveda King](#), [Bernice King](#), and Andrew Young lead the [Fluoride-Gate movement](#). They see fluoridation as a new civil rights issue because it hits minorities hardest.

TOPICAL VS. SYSTEMIC. Studies posted on the CDC website admit that the [effect of fluoride on teeth is primarily topical](#) and not systemic, but strangely, [CDC still endorses drinking fluoride](#).

FLUOROSIS. The CDC admits that [41% of children 12 – 15 years old have dental fluorosis](#). 8.6% suffer from mild fluorosis (white spots and some brown spots with up to 50% of enamel impacted), and 3.6% suffer from moderate and severe fluorosis (white spots and brown spots and sometimes pitting and chalky teeth and up to 100% of enamel impacted). [Even mild fluorosis can be ugly](#). Fluorosis should not be forced on people just so tooth decay can allegedly be reduced and then only slightly, if at all. The way to cut tooth decay is to quit consuming sugar, sweeten with xylitol instead, eat more vegetables, brush and floss, [supplement vitamin D](#), [apply topical antibiotics](#), and provide basic dental care. Fluoridation is a magic bullet that misfires.

PERVASIVE. If we add fluoride to tap water, then fluoride is in [everything made from tap water](#) – cola, beer, coffee, soup, bread, cereal, restaurant food, and [fruit juices](#) reconstituted with tap water.

LEAD IN SCHOOL DRINKING WATER. In 2004 [Seattle papers](#) reported lead at up to [1,600 ppb](#) in drinking water in old Seattle schools, far above the [15 ppm EPA action level and the 0 ppm goal](#). New brass pipes and faucets contain around 8% lead and older pipes contain [as much as 30% lead](#). Most old schools, homes, apartment buildings, hospitals, office buildings, and factories contain pipes with high lead content, [which SiF will leach out](#). When water districts stop fluoridating, [lead levels in water and in blood drop](#), as happened in [Tacoma](#) in [1992](#). Seattle [commissioned reports](#) on the [subject](#), but had a blind spot to the possibility that SiF was a factor. Seattle began replacing pipes in schools at great cost, ignoring the fact that terminating fluoridation would reduce lead leaching and do so at no cost. Moreover, even if replacing pipes in schools would solve the problem in schools, it would not solve the problem in homes and buildings other than schools.

THE BLINDNESS INDUCED BY GREED. The [PR manipulators](#) who sold us fluoride are the same ones who sold us [tetraethyl lead](#). Chemical, pharmaceutical, fertilizer, and toothpaste companies buy legislators and donate to dental and medical colleges, which indoctrinate dentists and physicians to endorse fluoridation. We trust government agencies and those with MD and DDS after their names. The ADA tells [dentists](#) that [they need not try to understand the science behind fluoridation](#). They need only accept the mystery and spread the gospel of fluoridation. Dentists and researchers who question it have been [fired](#) and have had their [careers ruined](#). Once started, a money-making scam is hard to stop.

CDC, EPA. The Oral Health Division, one small branch within the CDC, run by fluoridationist dentists, pushes fluoridation. Likewise, the non-scientists at EPA endorse fluoridation.

Endorsements prove nothing. The most significant non-endorsement is that of the [EPA scientists' union](#), which opposes fluoridation. Government agencies are made up of pro-industry and pro-consumer parties which explains their mixed signals and inaction. [Neither CDC nor EPA](#) has authority to approve, promote, or finance fluoridation. The [Safe Drinking Water Act](#) says "No ... regulation may require the addition of any substance for preventive health care purposes unrelated to contamination of drinking water". EPA and CDC dodge this law by only recommending fluoridation and letting water districts require it.

ARSENIC. [SiF also contains](#) up to 1.1 ppb [arsenic](#), a confirmed Type 1, Class A human [carcinogen](#). For [arsenic](#) the MCL, max. contaminant level, is 10 ppb and the MCLG goal is zero. A zero MCLG for lead and arsenic means there is no level of lead or arsenic which is safe to add to drinking water.

SiF AND NaF are [mutagens](#), [poisons](#), and probable [carcinogens](#). As little as seven grams of SiF or NaF, the weight of seven paper clips, can kill an adult. It would take a half pound of naturally occurring CaF to do the same. The fluoride we drink is of course not immediately fatal. However, healthy adult kidneys [only excrete half of the fluoride](#) we consume, while the body retains the other half. Fluoride seeks out calcium and is retained in bones and other calcium rich areas of the body. Once in our bones, fluoride cannot be removed.

KIDNEYS AND BONES. [Fluoride builds up in kidneys](#) and prevents them from functioning normally and may hasten death. [Water used for dialysis must be fluoride free](#). After a lifetime of drinking fluoridated water, bone can be up to 12,000 ppm fluoride, depending on water hardness and diet, making [bones brittle](#). [Fractured pelvises](#) are twice as common in fluoridated areas. Fluoride of all kinds affects bones, joints, and tendons and exacerbates arthritis.

ALZHEIMER'S. Water treatment plants add aluminum to precipitate dirt. Fluoride ion binds with aluminum, forming [aluminum fluoride, a neutral molecule, which slips through the blood-brain barrier](#), delivering aluminum into the brain, which may be a factor in Alzheimer's disease.

OTHER SYMPTOMS. Fluoride [interrupts and inhibits enzymatic action](#). It denatures proteins. SiF is an [anticholinesterase inhibitor](#). It [damages brain tissue and reduces IQ](#) while the fetus is still in the womb. It attacks the [thyroid](#), [pituitary](#), [pineal](#), and other glands. Fluoride [incorporates into atherosclerotic plaque](#) in coronary arteries and the aorta in patients with [cardiovascular disease](#). [Around 1% of the population is so hypersensitized to fluoridated water that they have to relocate.](#)

BABIES are highly sensitive to fluoride, lead, and arsenic because their cells are still dividing and because babies drink four times as much fluids per their body weight as do adults. Their [kidneys are not mature](#) and excrete only 20% of fluoride consumed. [CDC, ADA, AMA](#), and the surgeon general have [advised that if formula is mixed using fluoridated water fluorosis will result](#), an indication that other harms are being done.

FETUSES - IQ REDUCTION. [Fetuses too](#) are [sensitive to fluoride](#). Fluoride and lead penetrate the placental barrier and [lower IQ](#). The [FDA banned prenatal supplements containing fluoride](#).

ATHLETES, HARD LABORERS, DIABETICS, and those with kidney disease are highly vulnerable

because they drink up to ten times as much water as typical people. Fluoride is a [drug](#), but the dose cannot be controlled. It should be taken by [prescription only](#).

IN WESTERN WASHINGTON, we are especially susceptible to the slow but certain ravages of fluoride because our snow melt water is exceptionally soft and contains little calcium, which would bind with and tie up fluoride to some extent.

IRELAND. [Studies](#) comparing the fluoridated Irish Republic and non-fluoridated Northern Ireland show [more disease with fluoridation](#).

THE NATIONAL SANITATION FOUNDATION - NSF - is a chemical company trade association, the only entity which certifies fluorosilicic acid to be safe. Some [47 states](#) require that only NSF 60 fluoride be used, including Washington. [WAC 246-290-220\(3\)](#), says: "any treatment chemicals ... added to water intended for potable use must [comply](#) with ANSI/NSF Standard 60. The [NSF web site](#) and the [NSF Standard for Drinking Water Additives](#), say: "Standard 60 ... requires a toxicology review to determine that the product is safe at its maximum use level and ... to determine if any contaminant concentrations have the potential to cause adverse human health effects. ..." Some 20 toxicological studies are required, but NSF has admitted that toxicological studies are not being done. (See [Hazen deposition](#), pages 22, 67). Thus fluoridation materials do not "comply" with NSF 60 and fluoridation with them is [illegal](#).

SCRUBBER LIQUOR. [Cities buy SiF by the tanker truck load](#). Everett pours 250 gallons per day, day after day, into drinking water, spending \$300,000 per year. Fluorosilicic acid corrodes equipment and shortens its useful life. Hazmat suits must be worn to handle it. When the liquid is spilled on concrete, it burns a hole through it, as it will do to steel and glass. When fluoride is added to water, extra sodium hydroxide or sodium carbonate - Draino® or soda ash - must be added to reduce acidity.

NO INFORMED CONSENT. Fluorosilicic acid is not a mere additive such as chlorine, which is there to kill microbes. Fluorosilicic acid meets the [FDA](#) and [Washington](#) definitions of a drug. Although it is an unapproved drug and in reality a poison, its administration is medical treatment. Informed consent before treatment is a fundamental principle of law and medicine. Forcing us all to take such a toxic waste [drug](#) violates our right to control our own bodies. It should not be our duty to remove the toxic waste. Water departments should stop adding it. Those who want to consume fluoride can swallow a little toothpaste or get a [Luride prescription](#).

CAPTIVE WATER DISTRICTS, [those which buy fluoridated water from Seattle, Everett](#) and other large water districts never voted on fluoridation. They should demand non-fluoridated water and that they be held harmless from liability.

FISH. The fluoride content of [sewer effluent](#) is high enough to narcotize salmon and cause [salmon runs to crash](#), as has happened in the [Columbia Snohomish, and Sacramento Rivers](#).

MORE READING: [50 Reasons to Oppose Fluoridation](#), [The Case Against Fluoridation](#) by Dr. Paul Connett, [2006 National Research Council Report](#) on Fluoride.

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