

THE AUSTRALIAN FLUORIDATION NEWS

ARTIFICIAL FLUORIDATION
IS WATER POLLUTION



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Rats, Rats, Rats... Love Toothpaste to Death

Rodents are making their presence felt in higher numbers in various Australian cities and a Melbourne talk-back caller gave a novel solution that works effectively as a rat control. But it raises all manner of issues.

Twenty-three year radio veteran Jon Faine (ABC 774 AM) ran with the rat story on Tuesday 24th September 2019 and had many calls throughout the morning.

Faine began by interviewing a pest controller from a commercial pest removal company, who suggested the increased numbers of rodents being reported could be due to a range of factors: the cold nights, cat curfews and the tunnelling and construction work; the Metro tunnel may be flushing more rats out than usual. Anecdotally, he said, "for every human in Melbourne, there's 10 or 15 rodents".

A plague of rat stories followed. Rats and mice were being reported in Melbourne city and suburbs, Geelong, Adelaide, Sydney and elsewhere. Sometimes it's not possums causing the damage, it's rats. Rats were eating fruits and vegies, even in gardens that were well protected. Noisy rats ran in ceilings and other rats were chewing and destroying things, including the wiring in houses and cars, and by urinating on and destroying electrical equipment. There was one story of a rats' nest in a piano, that was only discovered after strange tunes were heard playing mysteriously over a series of nights.

The rat 'tales' continued with talk-back caller Amanda:

Amanda (A): "We've got a chook pen. That came with rats. And (we) wanted to do something a little bit nicer for the environment. Looked up 'life hacks' and if you split a toothpaste container open, tube, and leave that out, the rats eat it and they pass away."

Jon Faine (JF): "Sorry?"

A: "So, if you get toothpaste, it's how to get rid of the rats, they eat it..."

JF: "So toothpaste is fatal to rats?"

A: "Yes"

JF: "I wonder why? What's in it that rats... (pass away)."

A: "I've got no idea. But it works. (Laughs) We haven't had a rat in years."

JF: "And I guess if you do, they've got very sweet smelling breath."

A: "They have and it doesn't hurt my possums. (laughs)"

JF: "Aha, so it's just rats?"

A: "Yes"

JF: "So it doesn't, if the local dogs or some other animal is licking at the toothpaste, it doesn't cause them any harm?"

A: "No. I believe not. Oh, I better not say that. I believe no."

JF: "Well, we don't know. But now I want to know what's in toothpaste that's toxic to rats."

"Now I want to know what's in toothpaste that's toxic to rats."

A: "Yes, well one of your other listeners may be able to help us out there."

JF: "Alright, because I've got people saying there's all sorts of dreadful things you can feed to rats, but then um, there are other people saying, it's not fair to the rat to wish upon it a dreadful death. Mmmm."

Jon Faine announced in January on his first show for the year that he was retiring in October. Twenty three years is a remarkable effort and we wish him well.

His "Rats, Rats, Rats" radio conversation in September raised a range of questions that take time to explore.

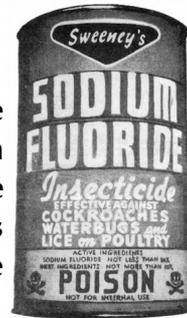
Unfortunately, none of the later callers talked about the issue of what's in the toothpaste that's fatal to rats. This is an awkward conversation that our regular media in Australia and a few other countries have a hard time with – through no fault of their own. It's a dark, taboo topic that can scare people (journalists, advertisers and listeners alike). It's not important in which city or who the broadcaster is, no one in the mainstream delves into this subject "on air", at least not yet. Collectively we haven't been ready for this news, so it's dismissed in a few seconds and we move on. Otherwise it would be like grabbing a tiger by the tail. We do exactly that on page 2.

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Rats, Rats, Rats... Love Fluoride to Death

One powerful approach to this subject is to explore and consider both sides, don't believe either, and make up our own mind. We hear the "fluoridationist" side regularly, from dentists, doctors, the health department and media. Take some time to research fluoride for yourself and keep asking questions. Importantly, take care as uncovering this information for the first time can be quite shocking. Solutions exist to minimise fluoride intake. In the future, Fluoride will be regarded in the same way that asbestos is now.



1/ "What's in toothpaste that kills rats?"

As the heading says, it's the fluoride in the toothpaste.

Most supermarket toothpaste is fluoridated, much of it with sodium fluoride or sodium monofluorophosphate (MFP). Sometimes stannous (tin) fluoride is used. The "fluor" indicates the element fluorine (or its fluoride ion).

The World Health Organisation's International Agency for Cancer Research (IARC) in 1982 determined fluoride to be "... an insecticide, fungicide, bactericide and **rodenticide [rat poison]**... [and] a fluoridating agent for municipal drinking-water" [IARC Monograph on the Evaluation of Chemicals to Humans, 27-4-82, p250.] The suffix "-cide" means it kills things.

Fluorides [are used as] "... an insecticide, fungicide, bactericide and rodenticide [rat poison] ... [and] a fluoridating agent for municipal drinking-water" - World Health Organisation

The late Glen Walker, former Chairman of the Anti-Fluoridation Association of Victoria stated that: "fluoridated toothpaste can contain up to 1500 ppm of fluoride. There is enough in one tube to kill a child!" He added that "young children should never use fluoridated toothpaste because they have no control over the amount swallowed. In fact many children eat the stuff because it is enticingly flavoured." Fluoride is also absorbed through the mouth's mucous lining and goes into the bloodstream within seconds.

2/ Difference between Acute & Chronic poisoning

Acute (severe) fluoride poisoning occurs with a sufficiently high quantity and can be an agonising death over several hours. Fluoride shuts down enzyme processes in the body.

Chronic fluoride poisoning occurs with smaller amounts gradually accumulating in bone (the whole skeleton, not just teeth) and soft tissues (e.g. kidneys and bladder). Over the years, the stored fluoride increasingly wreaks havoc. Dr John Yiamouyiannis called Fluoride, "The Ageing Factor", with no safe level, and recommended we minimise our fluoride intake.

In fluoridated cities, tap water is often fluoridated at approximately 1 ppm (1 part fluoride to a million parts water).

Some Reputable Info Sources on Fluorides and Health:

- Book:** Chris Bryson, "The Fluoride Deception" (2004)
- Book:** Dr Bruce Spittle, "Fluoride Fatigue" (3rd Edn, 2009)
- Book:** Dr Yiamouyiannis: "Fluoride: The Ageing Factor" (3rd Ed '93)
- AFN:** Past issues of *The Australian Fluoridation News*
- DVDs:** Fluoridegate & "Fluoride: Poison on Tap" (on Youtube)
- FAN:** www.fluoridealert.org/researchers/health_database
- ResearchGate:** www.researchgate.net/profile/Geoff_Pain
- Fluoride Journal:** www.fluorideresearch.org
- GreenMedInfo:** greenmedinfo.com/toxic-ingredient/fluoride

Each day's fluoride adds to our chronic poisoning. The USA dropped their rate to 0.7ppm in 2015 due to health concerns.

3/ How much Fluoride does it take to kill a rat?

"LD50" means the "Lethal Dose" where 50% of the rats die within 24 hours while the other half will be very sick but live.

The LD50 (Whitford rats) is around 85 mg/kg for sodium fluoride and sodium MFP (Whitford 1990). Other rats will vary.

Rat weights vary too, e.g. from babies 5-6g up to 250-300g for females and 300-500g for male Wistar rats.

To kill an average 200g rat, the LD50 85mg/kg equates to a required amount of around 17 mg Fluoride.

Toothpaste tubes usually contain 1000-1500ppm, and up to 5000ppm. (One part per million fluoride equates to 1 mg/kg.)

The quantity of fluoride in a regular tube (175g at 1450ppm) is 254 mg sodium Fluoride. There is more than enough fluoride in a tube to kill multiple rats. See "[One Tube of Toothpaste - Cheap 3 Months Rat & Mouse Free](#)". (YT, 2 mins)

Rats and mice are more resistant to Fluoride than humans. For humans, the probable lethal dose of Fluoride is less than 5mg/kg [Gosselin 1984, Akinawa 1997]. Fatalities through accident or self-harm arising from Fluoride products have provided useful autopsy data [Shulman 1997, Lech 2011].



Toothpaste in Australia required a "Poison S5" label (as on the packet above) but the NHMRC reclassified it as "Cosmetic for sales regulations".

4/ More deadly fluorides: 1080 and PFAS (PFC)

Compare toothpaste's fluoride chemicals with the organo-fluorine 1080 poison (sodium fluoroacetate). Australia is the second highest user of 1080, where it's used as fox bait, with New Zealand using it the most. Despite protests, New Zealand's Department of "Conservation" (DOC) has continued to drop carrot baits laced with 1080 from aircraft over pristine wilderness areas to kill the introduced rodents and possums. The baits are wiping out many of the native wildlife as well, and getting into streams. Birds, fish, deer and other animals eat the 1080 baits and die horribly in contortions over a number of hours. Search [Poisoning Paradise](#) (2hrs) & [The Graf Boys](#). (YT)

Fire fighting foams contain Fluoride in the form of perfluoroalkyl substances (PFAS). Class actions are underway. See "[Fire-Fighting Foam Exposé](#)" in AFN 2017 (July-December).

...continued page 3

5/ Or is it *other ingredients* in the toothpaste?

Other ingredients in toothpaste can contribute to illness, including sodium lauryl sulfate (foaming soap), PEG-12 (anti-freeze, a skin irritant), titanium dioxide (carcinogen), saccharin and sucralose (toxic sweeteners) and triclosan (banned in handwash in the USA for causing cancer). **None of these chemicals cause the death of insects and animals within just a few hours like fluoride can.**

6/ Using rats in your experimental laboratory

If you have a rat problem and you want to conduct research yourself (in the absence of Australia's peak 'scientific' body, the NHMRC, doing its job properly), consider using a tube of fluoridated toothpaste and experimenting with your own lab rats. See the article exposing the conflicts of interest: "Another NHMRC Review, Another Gravy Train", AFN 2014 (Vol.50, #3, Jul-Sep)

7/ Using poison as a last resort

Rats are sentient beings too and it's better not to poison them. Why are they there? Can they be evicted any other way? Try repairs, fencing, deterrents and all else first.

In the long term, we will move beyond using poisons, as they are ending up in our air, water, food and on our dinner plates. For now, toothpaste could be used a last resort to kill rats. One might put up a "notice" that theft or destruction of property, including theft of toothpaste by eating it, may be fatal. If rats trespass, ignore the signs and eat your toothpaste, that's their problem and they won't do it again.

8/ Using toothpaste as a rodenticide

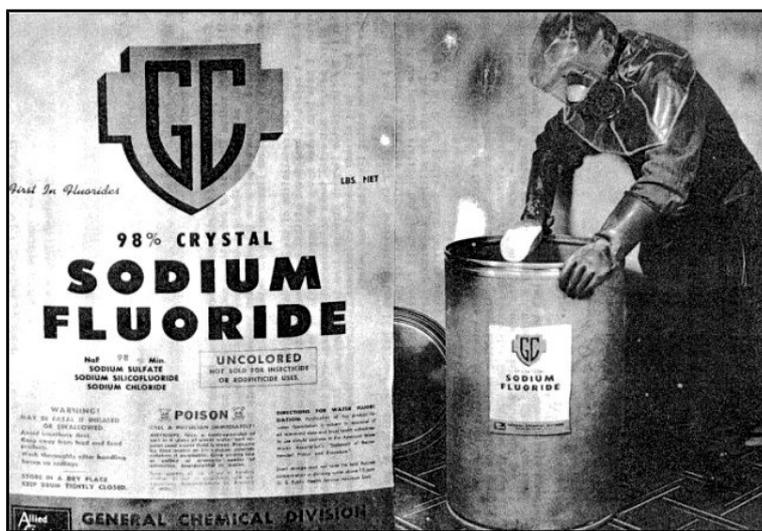
We don't recommend using toothpaste as a rat poison, but if you do, please take full responsibility and the utmost care. Beware that other species might eat the toothpaste. Smaller animals generally are affected by smaller quantities.

The toothpaste should be secured where critters other than rats and mice can't get to it. Cats, dogs or scavenging birds (such as crows) that eat a dead rat may themselves be affected or even die from fluoride poisoning too, in agony. Whenever there is a tube opened up, inspect it regularly. Take care.

9/ How to dispose of dead rats responsibly?

The poisoned rats are now toxic. Don't bury them in the fruit and veggie garden! We suggest using rubber gloves to place the rat in a plastic bag and then into the garbage bin.

It's best NOT to leave them at your parliamentarian's office, even if they are a mad compulsive fluoridator. It's more effective to educate and rally community to take action, including meeting with our MPs to let them know "my will".



▲ Label of Allied Chemicals' Sodium Fluoride (98%), with a "POISON" warning, "may be fatal if inhaled or swallowed" and skull & cross bones. A boxed note reads "UNCOLORED, Not Sold For Insecticide or Rodenticide Uses" indicating that other fluoride products are used for that purpose, with a lower percentage of fluorides. Fluorides are toxic to life, whether that life is cockroach, rodent or human. ▲ Worker in Wilmington, MASS, in full Personal Protective Equipment with respirator, dispensing fluoride.

10/ Where did it begin?

Phosphate fertiliser factories collect toxic fluoride gases from their smokestack "pollution scrubbers". They then sell these unrefined fluoride chemicals to compromised governments (only in a few countries) to use for fluoridation. Former BBC investigative reporter Chris Bryson explores the incredible history in *The Fluoride Deception* (2004).

In areas where fluoridators are wanting to add their industrial fluoride wastes to community water, local media cover the topic in some depth, but sometimes coverage is skewed by media ownership. Elsewhere, the media have difficulty handling the "fluoride" issue. The topic is taboo and so it's ridiculed or dismissed with a few words. This is to be expected, as the industry's "protected pollutant" has long had a reputation. No one wants to be smeared as "crazy" and lose their job, so it's been best to leave the sacred cow alone. That is, until the day when the issue 'pops'. Dentists will need a new magic solution.

11/ Fluoride is poison, handle with care

Fluoride is in the category of poisons with arsenic and lead. Police and emergency services need to be vigilant for cases of acute fluoride poisoning. Medical doctors ought to be running fluoride blood tests, keeping an eye on chronic fluoride toxicity, but don't. In a fluoridated community, everyone is accumulating fluoride daily through their tap water, most food, fruit and vegies, tea (any kind), reconstituted drinks including soft drinks, toothpaste and dental products, non-stick cookware, etc.

It's our choice whether we use fluoridated toothpaste or not. But in fluoridated areas, fluoride flows out the kitchen tap whether we want it or not. It ought to be our choice.

Everyone is affected in various ways as fluoride accumulates gradually. It is a contributing factor to chronic health problems right across the population. Have you noticed how many people are sick? There are multiple causes for this. But why continue adding a known toxic, carcinogenic substance, industrial fluoride wastes, to our drinking water?

...see Conclusion on page 4

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12/ Research fluoride further and take action

Take the time to research fluoridation, find the questions that promoters just can't answer, choose for yourself what to believe and take action in your own life. **Take the steps to minimise fluoride intake. Self care is where we're going. Self care**

includes valuing ourselves and others highly. Fluoridation is the opposite! We have a right to be able to choose for ourselves (and our children) what drugs we consume. Lead by example and share with others what you're learning.

Together, we are ending fluoridation for the benefit of all.

US NTP Draft Report 2019: Fluoride is a Neurotoxin

The United States National Toxicology Program (NTP) released its draft report in September stating *"that fluoride is presumed to be a cognitive neurodevelopmental hazard to humans."*

The draft report of the *"Systematic Review of Fluoride Exposure and Neurodevelopmental and Cognitive Health Effects"* was released for peer review with little fanfare on the 6th September 2019.

The report continued that *"this conclusion is based on a consistent pattern of findings in human studies across several different populations showing that higher fluoride exposure is associated with decreased IQ or other cognitive impairments in children."*

The NTP appeared to struggle with its conclusions after many decades of the Public Health Service (now HHS) promoting fluoridation. The report contains the word 'bias' some 350 times.

Another high level US health agency, the National Academies of Science (NAS) will take 12 months to review the NTP Report. The final report is expected in September 2020, four or five months after the anticipated end of the EPA court case (that the EPA should have ended fluoridation), which begins on Feb 3rd.

Sources: [NTP Draft Study 2019](https://src.bna.com/MiR) - <https://src.bna.com/MiR>

Brief News

Fluorides, Anaesthetics & Post Operative Dementia

Ian E Stephens' classic *"The Dickinson Statement"* was expanded and republished in 2013, covering a deeper and darker view of commonly used fluorides and their history.

A reader advised that her elderly father in NSW was suffering from post-operative dementia after a surgical procedure. She was unable to read the handwriting on the hospital's "anaesthetic record" but suspected it. She says:

"I have since learnt that post operative dementia - from anaesthetics - is quite common... a nursing home manager said Dad was the sixth person admitted in four months [with it]... A hospital social worker informed me she 'sees it all the time'..."

"I am appalled at what has happened to my father. The doctors get well paid and walk away completely unaccountable for what they did to him. No warning, no apology, just left him in a terrible state - and no health care professional bats an eyelid."

We were able to decipher the anaesthetic as "alfentanil", a fast and short acting synthetic opioid. It's about one tenth of the potency of fentanyl, of the "opioid crisis" news. One risk of alfentanil is serious respiratory depression, and Drugs.com says it causes post-operative dementia in less than one percent of cases.

Such websites may be influenced by drug companies and understate the prevalence of symptoms. There are dozens of other 'side effects' listed, but in reality they are not 'side effects', they are all known and unwanted effects of the drug.

While alfentanil does not contain fluoride and so is not one of the fluorinated anaesthetics described in "The Dickinson Statement", it is important to be wary of the anaesthetic any time an operation is considered, for a number of reasons:

1. Take special care with *all* anaesthetics, research them and their risks thoroughly. Is the operation really necessary? Also consider other options from a range of healthcare providers.

2. Be satisfied with the competency of the hospital, surgeon and anaesthetist.

3. Have a close family member or a trusted advocate attend appointments where possible. This is important for elderly patients (especially over 80), as the risks of outcomes like post-operative dementia increase significantly with age, and can greatly affect one's quality of life.

Tatura (VIC) petition to keep the fluoride wastes out

More than half of Tatura's population has signed a petition to keep industrial fluoride wastes out of their water, with 15 locals founding the Regional Victoria Anti-Fluoridation Action Group.

Lebanon banned salt fluoridation

Lebanon has now [banned the addition of fluoride](#) to table salt on the 8th October, reversing 2011's fluoridated salt law.

Quotes

Terry Pratchett (1948-2015) *The Amazing Maurice and His Educated Rodents*:

"But there was more to it than that. As the Amazing Maurice said, it was just a story about people and rats. And the difficult part of it was deciding who the people were, and who were the rats."

W. C. Fields, American comedian (1880-1946):

"The clever cat eats cheese and breathes down rat holes with baited breath."

Henry David Thoreau (1817 - 1862):

"The oldest, wisest politician grows not more human so, but is merely a gray wharf rat at last."

"Think for yourself, or others will think for you without thinking of you."

Jimmy Reid, Scottish activist (1932 - 2010):

"A rat race is for rats. We're not rats. We're human beings. Reject the insidious pressures in society that would blunt your critical faculties to all that is happening around you, that would caution silence in the face of injustice lest you jeopardise your chances of promotion and self-advancement."

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