

THE AUSTRALIAN FLUORIDATION NEWS



ARTIFICIAL FLUORIDATION
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Fluoride Fume Deaths

Stark Reminders of Fluoride's Role In Deadly Poisons And In Ending World War II

Capture of the last two members of the radical Japanese Aum Shinrikyo cult is a chilling reminder of the June 1995 sarin gas attack on commuters in Tokyo's underground, which killed 13, injured thousands, and caused panic throughout Tokyo. The two suspects, Ms Katsuya and Katsuya Takahashi, were arrested in Tokyo after a 17-year manhunt. (*Sydney Morning Herald*, 9-10 and 16-17 June 2012).

An Example of the Deadly Relationship between Poisonous Gases, Fluorides and Fluoridation

Sarin gas was developed by the Nazis just before World War II and later used by Saddam Hussein against the Kurds in Northern Iraq in 1988, killing eight people.

A key chemical in the manufacture of sarin gas, fluoride¹, is also used to medicate the majority of the population of Australia, without the people's consent, using public water supplies as the vehicle.

As investigative reporter Christopher Bryson comments:

"The same potent chemical that is used to enrich uranium for nuclear weapons, to prepare sarin nerve gas, and to wrestle molten steel and aluminium from the earth's core, is what we give to our children first thing in the morning and last thing at night, flavoured..."²

Illness and Death in China from Phosgene Gas

"Toxic Fumes Kill One, Another 23 Victims Still In Serious Condition"

"One person died and another 23 remain in serious condition after a chemical leak poisoned 81 people in East China's Anhui province on Thursday, the local government said on Sunday."

"The leak occurred in a Wanbei Pharmaceutical Co Ltd laboratory in Suzhou city."

"The victims were sent to three local hospitals after inhaling highly toxic solid phosgene fumes, Xinhua News Agency reported, citing Zhu Hai, an official with the city government's emergency response office..."

"Solid phosgene, a white crystal, is widely used in the biomedical industry to produce pesticides, antibiotics and painkillers."

"The government pledged to minimize the injuries and deaths, and dispatched a 32-member expert panel to the hospitals to deliver treatment and tailored services."

"Solid phosgene... widely used... to produce pesticides, anti-biotics and painkillers"

"Five people poisoned have been discharged from hospital as of Sunday as the company was ordered to suspend production."

(Report by Zhang Yue, Chinese Daily, Hong Kong Edition, Monday January 10, 2011)

Fluoride, Freon and Phosgene

The fluoride compound Hydrofluoric Acid is the key raw material needed to make Freon, the gas widely used as a refrigerant. It was patented in 1928 by Du Pont and the related company General Motors.

However, when Freon is exposed to flame, it decomposes into the highly toxic phosgene and fluoride gases. When that was discovered, both the American Standards Association and the New York Fire Department protested at its use. "Mercifully the refrigerant never burnt at New York's Ground Zero".³

"Later experiments by the Kettering Laboratory found that hydrofluoric acid - the raw material used to make Freon and the same gas produced when the refrigerant was burned - was toxic in very low doses. The scientists did not report a level below which toxic effects were not seen."

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"The scientists did not report a level below which toxic effects [of hydrofluoric acid] were not seen." - Researcher W. Machle ⁴

"Hydrofluorosilicic acid is one of the compounds used to fluoridate public drinking water supplies."⁴

Freons in aerosol propellants

M. Ellis, (MA, MB, FRCS), of the Poisons Information Centre's Casualty Department, at The General Infirmary in Leeds, states in the foreword to Eagers' fluorine toxicity work:

"Here we have for the first time in one publication a vast survey on all forms of poisoning by fluoride. Not only is the acute poisoning in its various forms reviewed, but also chronic poisoning due to industry or geographical location. In addition animal and vegetable poisoning is also reviewed." ⁵

RY Eagers, in *"Toxic Properties of Inorganic Fluorine Compounds"*:

"The Freons, used as aerosol propellants, although non-toxic in themselves, if heated to decomposition temperature can produce hydrofluoric acid, hydrochloric acid and phosgene, and cases are on record of acute fluoride poisoning resulting from such decompositions. Amongst 43 cases of gas poisoning from all Swedish hospitals, Dahlman encountered two resulting from heating fluorocarbons above the decomposition temperatures. In the first case, a mechanic operated with an acetylene torch on a refrigerator leaking Freon 12. He developed dyspnoea, vomiting and malaise and required hospital treatment for 5 days. In the second, an agricultural worker sprayed his bedroom with aerosol Freon fly spray. He then switched on an electric heater and went to bed. During the night he developed vomiting, diarrhoea and malaise and died on the following day, 3 hours after admission to hospital."* ⁵

The US Chemical Warfare Service reported that when exposed to phosgene, "mice succumb to chronic exposure at one part per million."⁶ Phosgene is the poisonous gas used against troops in World War I with devastating results.

With billions of dollars in Freon sales at stake, DuPont and General Motors initiated studies by Arthur Kehoe, who reasoned (incorrectly), that if a fire occurred, the toxic gases would be dissipated by the blaze, so there would be little risk. (DuPont was the major shareholder in GM until the 1950s, when anti-trust laws resulted in their separation). When the devastating effect on the atmosphere was finally revealed, freons began to be phased out from 1987 as a result of the Montreal Protocol. In reaching this decision, little concern appears to have been given to the direct effect of the freon on residents of planet Earth. That discovery was the result of the work by the chemist F. Sherwood Rowland, Nobel Prize winner in chemistry and Mario Molina, who'd found that fluorocarbon chemicals were involved in a chain reaction that depleted atmospheric ozone. *"For a decade, Rowland and Molina persevered to prove their hypothesis. It took almost 15 years for the international scientific community and chemical industry to accept their conclusions."* Rowland's obituary appeared in *The Sydney Morning Herald, Weekend Edition, 31 March / 1 April 2012.*

As reported by Waldbott⁷, polyurethane foam is made from isocyanates by the reaction of primary organic amines with phosgene:

"In the process of manufacturing, toluene diisocyanate (TDI) vapors can appear in the atmosphere in concentrations substantially above the current occupational threshold limit value, which has been set at 0.02 ppm. When burnt, it releases toxic gases. Residual amounts of phosgene have been found in barrels containing TDI."

The Atomic Bomb

An example of the toxicity of elemental fluorine is the critical but highly dangerous role that fluoride played at the WWII US Manhattan Project, during development of the atomic bomb. Solving the problem of producing kilograms of fusion material required fluorine scientists. Without their inventions, the United States atomic bomb "would have been impossible", noted the Manchester University scientist and historian Eric Banks.

"American fluorine chemists had a huge impact on the production of the bomb"

- Historian and scientist Eric Banks, Manchester University

***"The vast contribution of chemical engineers to the Manhattan Project - and the radical debut of a powerful chemical element onto the global stage - has been largely ignored. 'It is a striking omission,' pointed out Banks. 'American fluorine chemists had a huge impact on the production of the bomb.'"* ⁸**

However, as reported by Christopher Bryson⁸, "...exploiting fluoride was a double-edged sword, as the bomb programs' scientists soon discovered."

After a visit to a small-scale gas diffusion plant at Columbia University, the senior Manhattan Project doctor, Captain Hymer L Freidell, warned of possible health problems⁸:

***"The primary potential sources of difficulty may be present in the handling of uranium compounds, as noted above, and the coincident use of fluorides which are an integral part of the process."* ^{8*}**

"His warning was accurate. A fluoride-gas release at Columbia later that year produced 'nausea, vomiting and some mental confusion'; in 1944 another researcher, Christian Spelton, developed pulmonary fibrosis after repeatedly fleeing clouds of uranium hexafluoride gas. Other health problems were also reported. Dr Homer Priest, a leading Columbia University fluoride scientist, complained that his 'teeth seemed to be deteriorating rapidly.' Dr Priest told a doctor that he bled more freely and that 'there has been a progressive increase in the degree of slowness of healing and of pain in the period he has been doing this work.'"* ^{8*}

"The [fluoride poisoning] epidemic spread... There were multiple reports of illness at Iowa State and of fluoride acid burns at Purdue..."

"The epidemic spread. At Princeton leaking fluoride gas left scientists feeling 'more easily fatigued.' There were multiple reports of illness at Iowa State and of fluoride acid burns at Purdue, where two researchers were badly gassed with

carbonyl fluoride in 1944.* Health problems hit industry scientists too. At DuPont 'rather severe weakness' was reported in 1943 by three chemists who had received 'heavy exposures' to fluorine. 'The symptoms were ascribed by them to the oxyfluorides formed,' a report said.*

"Accounts of fluoride injury mushroomed as the laboratory work moved into full-scale industrial production."

"Accounts of fluoride injury mushroomed as the laboratory work moved into full-scale industrial production. At Oak Ridge in September 1944, 190 pounds of hexafluoride gas escaped into a room, drifted outdoors, and formed a chemical cloud '20 yards by 20 yards.' Nine workers were exposed 'for periods of twenty seconds to five minutes,' injuring 'the mouth, salivary organs, pharynx, skin, eyes and lungs.'* The news got worse: that same year, 1944, General Groves got shocking new reports of multiple deaths in the nuclear program. **Details of those fatalities and fluoride's role have remained hidden, often for a half-century or more.**

"Details of those fatalities and fluoride's role have remained hidden, often for a half-century or more."

The stories of the DuPont workers, who may have been fluoride's first wartime fatalities, have not been made public until now. (And they remain anonymous: once-secret military documents describing the deaths do not record their names.) On January 15, 1944, a laboratory assistant, a chemist, and 'a girl technician' producing the fluorinated plastic Teflon for the bomb program were exposed to waste gases. Shortness of breath followed twelve hours later and 'by the end of 36 hours, all three were in the hospital,' Colonel Warren was informed.* The chemist recovered but the other two died terrible deaths, turning purple and unable to breathe.* When the twenty-three-year-old female 'expired at the end of ten days,' her autopsied lungs resembled a victim of a World War I poison gas attack. Colonel Warren's deputy, Captain John L Ferry, suspected that the DuPont fumes contained 'certain oxyfluorides' and suggested the military 'investigate the possibilities of this material being used as a poisonous gas.'*

Although the army ordered up fresh toxicity studies, fearing 'similar compounds may be formed in some of the other fluoride manufacturing operations,' DuPont dragged its feet, investigators suggested, perhaps seeking to protect Teflon's postwar commercial potential. 'The manufacturer considers that we were buying a "packaged product" and is not interested in our investigating the toxicity of the materials involved,' reported Captain Ferry. 'Several of the components thus far identified give good promise for commercial uses other than that contemplated here,' explained a second army official.* (Subsequently there were additional reports of sickness associated with Teflon. British scientists visiting a DuPont factory just after the war confirmed that heated Teflon fumes were linked with 'excessive weakness, tiredness, nausea and sore throat.')*



Reprinted from National Fluoridation News. It was printed next to Dr John Lee's book review of Dr John Yiamouyiannis' "Fluoride The Aging Factor"

Summary

Consumption of fluorides in our water supplies helps to distribute toxic fluoride compounds throughout our planet and our bodies and helps to boost profits of some major corporations, but fails to reduce dental decay. "The Fluoride Deception" is a very apt title of Christopher Bryson's major work and a reminder of how the public and governments can succumb to slick propaganda by powerful industries.

Quotes from Chris Bryson's "The Fluoride Deception" are just a snippet of the revealing details of much of the history of fluoride and its many ramifications in all our lives. The 211 pages of Bryson's detailed notes and references bear testimony to his efforts in years of research that have revealed damning evidence, some of it for the first time. His book is highly recommended to any reader who wishes to understand a major part of the way fluorides and their underhanded addition to water supplies is impacting on the environment and our lives.

References

* Note: The works quoted here by Bryson, Eagers and Waldbott are all extensively referenced. Readers should consult those authors' works for full details of the relevant papers, or contact the Editor.

1. Bryson, Christopher, *The Fluoride Deception*, 2004, Seven Stories Press, New York, ISBN 1-58322-526-9, p. 355.
2. *Ibid*, p.xiv, xv.
3. *Ibid*, p. 42.
4. W. Machle et al, "The Effects of the Inhalation of Hydrogen Fluoride. 1. The Response to High Concentrations. 2. The Response to Low Concentrations", *J. Industrial Hygiene*, vol. 16. no. 2 (1934), p.129; and vol. 17, no. 5 (1935), p. 221. (Quoted in Bryson, p265, Ref 68)
5. Eagers, RY, *Toxic Properties of Inorganic Fluorine Compounds*, p. 28.
6. Bryson, Christopher, *The Fluoride Deception*, p. 274.
7. Waldbott, GL, *Health Effects of Environmental Pollutants*, p. 201-2.
8. Bryson, Christopher, *The Fluoride Deception*, p. 49-51.

Correction In the Jan-Mar 2012 edition of *The Australian Fluoridation News*, there was an error on page 2, immediately above the NIDR building photograph. The last word should read *invalid*, not *valid*.

Port Macquarie: Fluoridation Forum DVD

An insightful video production of the "Port Macquarie Fluoridation Forum" debate held in 1991 still exists and shows both sides of the issue clearly. It also illustrates why fluoridation promoters avoid fluoridation debates - because under close scrutiny, artificial fluoridation is a "house of cards".

For a DVD copy, please send a cheque or money-order for \$10.00 to AAFA, GPO Box 935 Melbourne Vic, 3001.

Port Macquarie - Hastings

The NSW Department of "Unhealth" has for now gotten its way and forced the Port Macquarie-Hastings Council to dispose of toxic industrial wastes in the community drinking water. Fluoridation began flowing on Feb 27 to some localities, against the will of residents as confirmed by prior Council referenda.

Black Salve Banned

Elaine Hollingsworth reports that the Federal Government has now banned Black Salve, the herbal remedy featured in her documentary movie, "One Answer To Cancer" (See *The Australian Fluoridation News*, Jan-Mar 2011). Black Salve's common ingredients can't be banned and the DVD shows how to make it, as well as showing some success stories. See www.oneanswertocancermovie.com and choose for yourself.

AVN's Good News

In February 2012, the Australian Vaccination Network (AVN) succeeded in its case against the Healthcare Complaints Commission in the Supreme Court of NSW. The court found the HCCC had exceeded its jurisdiction.

Meryl Dorey, President of the AVN said afterwards that "the only thing the AVN was guilty of is providing information which may not be available elsewhere and potentially goes against government policy... We wish to be nothing more than a portal for information on the relative benefits, risks and efficacy of vaccination."

Vaccinations contain fluorides. For those who understand fluoride ions' detrimental behaviour on all life, that fact alone is enough to create concern - why would vaccinations contain fluorides? The potency of many chemicals, drugs and vaccinations can be boosted by adding fluorides, in a similar way in which fluoride is used to enrich uranium and give it more "kick" for nuclear reactions.

In his book "Fluoridation: The Great Dilemma", Dr George L Waldbott notes that low level fluoride intake may either inhibit or activate enzymes. He states:

"Clearly, many factors control the action of fluoride on enzyme systems: the concentration and dose, the duration of exposure, the ease of penetration (pH dependent), the type of organism, the nature and susceptibility of the enzyme, etc. Since virtually every vital function of the body is dependent on enzymes, and since fluoride readily reaches every organ in the body, it is not surprising that this halogen produces a wide range of toxic symptoms." (p 151)

The AVN provides an important service to Australians, showing both sides of this issue, and allows us to choose for ourselves. See www.avn.org.au

Denticare: \$515m more for dentists to fix what fluoride doesn't

The Australian Government's Federal Budget 2012-13 has allocated another \$515m for a partly funded "Denticare" scheme on top of \$165m provided in January to expand dental services to the disadvantaged. (*The Sydney Morning Herald*, 8 May 2012, *The Age*, 30 Mar 2012)

Australia is highly fluoridated, around 90% of Australians now. The original promises were that fluoridation would reduce decay by 65% and dentists would be out of work. But instead, dentists these days are seemingly on every corner and have become some of the highest paid professionals.

Yet according to the Chief Executive of the Consumer Health Forum, Carol Bennett, dental decay is rampant, "with 650,000 people with dental problems who wait an average of two years to be treated." (*The Age*, 1 May 2012)

We have been told time and again by dental professionals, health ministers, the National Health Medical Research Council (NHMRC), doctors and governments that fluoridation will mainly benefit the low income "disadvantaged".

The latest Australian Institute of Health and Welfare study shows that concession card holders such as pensioners had twice as many missing teeth as other people. A detailed study of dentition in seven income groups "showed that the number of missing teeth rises in seven steps in direct relationship to decline in household income status." (*The Age*, 30 Mar 2012)

The National Health and Hospitals Reform Commission had stated in its final report in July 2009, that \$3.6 billion a year was needed for preventative and restorative dental care and dentures. In response to that report, the then Health Minister Nicola Roxon said "Dental health is becoming an indicator of wealth or poverty." This is all a repeat of the same theme as reported in *The Sydney Morning Herald* (15-16 Feb 2005), see *The Australian Fluoridation News*, Vol 41, No 2, Mar-Apr 2005.

So fluoridation has continued to fail miserably, particularly for the very people we have been told the scheme is supposed to help most! Even with the numerous billions of dollars spent already on school dental schemes, dental clinics, etc, we are required as taxpayers to prop up this failed fluoridation non-science experiment on millions of people, with more money for dentists to fix decayed teeth.

Governments and dental, medical and health bodies have avoided addressing the real cause of dental decay, faulty diet.

In his book *Man versus Toothache*, published in 1952, the dentist Dr George W Heard, stated:

"This hunt for specific minerals which build sound teeth seems foolish to me - but to refuse to eat food which contains all the elements the body needs until that food has been refined and those life giving elements taken out - as in the case of white flour and white sugar - is positively idiotic. To feed a growing child white bread and refined sugar and pasteurised milk is like leaving out cement and using dirt for mixing concrete."

Spending money on education for the prevention of dental problems - including educating on healthy diet and lifestyle - as well as ending the era of forced ineffectual fluoridation would both have a far more beneficial effect on nearly everyone's smile, except those that make money from fluoride-polluting industries such as aluminium smelters, phosphate fertiliser factories, as well as fluoride marketing and public relations.

For suggestions for what you can do to minimise your fluoride intake, see previous editions, our website, or "Fluoride Fatigue".

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