

**Fluoride Meeting Attendee Handout**  
**Public Meeting – 23 September 2010 – Belmont Intermediate School Hall**  
***Water Fluoridation in the new Auckland Super City***  
***and how it affects YOU***

***Welcome!***

We would like to welcome you to this open public meeting about water fluoridation in the new Auckland Super City. This meeting is being hosted by myself and a small group of concerned Auckland citizens. We are not part of any large group, organisation or business and all meeting costs are being met out of our own pocket. We have however received great encouragement and support from FANNZ and their members once they found out about our meeting intentions. Their experience and history in dealing with this issue NZ wide have proven invaluable to us as we organise this meeting and we thank them. We have no 'skin in the game' as such, apart from being very concerned for ourselves and our families about personal, public health and civil liberty issues such as this.

Public or 'town hall' meetings are a great way to stimulate public debate on a wide range of issues that affect citizens in a given region. However, it takes concerned citizens attending these meetings for them to be effective. YOUR attendance at this meeting is what will make it a success – and for that we thank you.

Water fluoridation (indeed any public water rights issue) is a contentious issue with parties typically arguing their position vociferously either way. This meeting is about education – it is about educating you, the citizen about water fluoridation. In this way, when the time comes, you can make an informed choice about whether you want the water you and your family consume to be fluoridated or not. Many people don't have a position on this issue and we feel this is simply because they have not been informed about the issue by their elected public servants/representatives or given a choice in the matter. In many instances politicians and elected representatives are not well informed either, leading to a lack of decision making on the issue and a continuation of the status quo – regardless of any new information/data that comes to light on the subject. This is decision making through abdication of responsibility and public apathy and it must stop.

In some instances, public referendums have been held by councils in NZ on this matter. No matter what ANYONE tells you, this is a council decision and a council decision only. The MOH, local DHB's and government can make any recommendation they like but ultimately this decision rests with councils and the constituents they are meant to represent. As such, it is up to YOU to make your voice heard and make this an issue that they can no longer ignore. That is why we are holding this meeting – to hopefully provide you with some of the tools you will need to have your say on this important matter.

We have done our very best to research this issue thoroughly (in our own time) and present to you the best, most current information we can on this subject. We encourage you to also do your own research so that you can be confident in the decision you make on this subject when the time comes to do so. There is a plethora of information and data available out there for anyone wishing to find it.

Our meeting outline with supporting links and source references will be available for download on the FANNZ (<http://www.fannz.org.nz/>) website in PDF Format a couple of days after the meeting so don't worry, you will be able to reference everything (apart from confidential emails of course) we discuss tonight simply by downloading this document. Feel free however to take notes of interest during the meeting as you feel appropriate. Thanks again for attending and we hope you enjoy our presentation.

*Jason Greenwood*



# Safety Data Sheet

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: HYDROFLUOROSILICIC ACID

Other name(s): Hydrofluosilicic acid; Hydrosilicofluoric acid; HFA.

Recommended Use: Water fluoridation; sterilising equipment.

Supplier: Orica New Zealand Limited  
Street Address: Orica Chemnet House  
Level four, 123 Carlton Gore Road  
Newmarket, Auckland  
New Zealand

Telephone Number: +64 9 368 2700  
Facsimile: +64 9 368 2710  
Emergency Telephone: 0 800 734 807 (ALL HOURS)

## 2. HAZARDS IDENTIFICATION

Classified as a Dangerous Good according to NZS 5433:1999 Transport of Dangerous Goods on Land.

Classified as hazardous according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2001.

Subclasses: Subclass 6.1 Category D - Substances which are acutely toxic.  
Subclass 8.1 Category A - Substances that are corrosive to metals.  
Subclass 8.2 Category B - Substances that are corrosive to dermal tissue.  
Subclass 8.3 Category A - Substances that are corrosive to ocular tissue.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components / CAS Number	Proportion	Risk Phrases
Fluorosilicic acid 16981-83-4	17.5-22%	R34, R41
Water 7732-18-5	to 100%	-

***This is the MSDS of the Fluoride that Watercare provided to us and stated that they add to Auckland water supplies. You can see for yourself that this is anything BUT something we should want in our water...***

## **Fluoride Meeting Outline and Source Links**

### **Pre-Video:**

- **Introduction**
- **3 key things to remember – Fluorides are highly toxic substances, they are cumulative and they are NOT an essential nutrient. It is not a vitamin, not a mineral and not an enzyme.**

### **Play Video – Professional Perspectives on Water Fluoridation:**

<http://video.google.com/videoplay?docid=7547385139152764985&hl=en#>

### **After Video:**

**Mary Byrne (FANNZ National Spokesperson) spoke here on sources of fluoride used in water, FANNZ, national action etc. Discussed how water supplies are being used as a dumping ground for toxic industrial waste and in addition we PAY for the privilege of ingesting this waste product that would normally cost industry a huge amount of money to dispose of due to its extreme toxicity.**

**Yalan spoke here on science of fluoride.**

### **Jason Greenwood spoke:**

- What is fluoride and where does it come from?  
<http://www.eurofluor.org/index.html?/html/what.html>  
Natural and non-natural sources – added dangers of non-natural sources. Discuss natural/vs other fluorides as well as bio-accumulation and address argument that fluoride is found naturally in many waterways = expired drug disposals and fluoridated water 'leaching' into soils etc.
- Watercare site does NOT show fluoridation step in their water treatment plant diagrams/info:  
<http://www.watercare.co.nz/watercare/water-supply/waikato-river/how-is-it-treated.cfm>  
[http://www.watercare.co.nz/watercare/water-supply/water-treatment-stations/water-treatment-stations\\_home.cfm](http://www.watercare.co.nz/watercare/water-supply/water-treatment-stations/water-treatment-stations_home.cfm)  
<http://www.watercare.co.nz/watercare/index.cfm?8DECEAAD-970E-196A-A3C9-1E86C96A9416>
- Fluoride is cumulative and toxic in humans:  
<http://www.fluoridealert.org/health/pineal/>  
<http://www.imageawareness.com/acrobat/fluoride.pdf>  
<http://www.fpnotebook.com/Pharm/Minerals/FlrdTxcty.htm>  
<http://toxipedia.org/display/toxipedia/Recognition+and+Management+of+Fluoride+Toxicity>  
and accumulates primarily in the Pineal gland in the brain.
- There are MANY sources of fluoride in our diet, drugs, fertilizers and other chemicals:  
<http://www.eurofluor.org/index.html?/html/pharma.html>  
<http://www.eurofluor.org/html/bigtree.html>  
We also get it in our fluoridated water (drinking, bathing, brushing teeth) etc.
- Discuss drug classes that contain fluorides:

<http://www.slweb.org/ftcrfluorinatedpharm.html>

(links to specifics within for audience to follow up)

These end up in water/food chains when dumped (expired) or excreted.

- Selected quotes from Time Article:  
<http://www.time.com/time/magazine/article/0,9171,1118379-1,00.html>  
From NZ Medical Journal Research/RSI linked to fluoride:  
<http://www.holisticmed.com/fluoride/rsi.htm>  
From Dr. John Hinchcliff Auckland Council Letter:  
<http://uncensored.co.nz/2007/02/27/its-time-to-reconsider-fluoridation/>  
(John's research is meticulous and thorough and sources are cited. ACC/AKCC ignored his report and the water is STILL fluoridated as a result)
- Discuss countries not fluoridating and selected excerpts from letters from countries:  
<http://www.fluoridation.com/c-country.htm>
- Discuss current fluoridation status of various Auckland regions (ESR/MOH info):  
<http://www.drinkingwater.org.nz/supplies/priority2plantsfordet.asp?detcode=B23>
- NZ drinking water standards (set by the MOH) only set the maximum levels of fluoride allowed in water:  
[http://www.moh.govt.nz/moh.nsf/0/12F2D7FFADC900A4CC256FAF0007E8A0/\\$File/drinkingwaterstandardsnz-2005.pdf](http://www.moh.govt.nz/moh.nsf/0/12F2D7FFADC900A4CC256FAF0007E8A0/$File/drinkingwaterstandardsnz-2005.pdf)  
but do NOT stipulate what sources the fluoride must come (natural mineral such as fluorite or industrial waste byproduct) from nor the purity of that source or the material itself (see page 19 of the PDF). Also note the major discrepancy between the MAV and the recommended fluoridation levels set by the MOH, i.e. 0.7–1.0 mg/L recommended and MAV is 1.5 mg/L.
- How it will be under the new council. Read excerpted emails from Auckland region councils.
- Read excerpts of emails from MOH, WaterCare, Orica and other selected parties. If fluoridation is so good WHY are they so secretive and non-transparent? You'd think they'd all be fighting to take the credit for it.
- This link:  
<http://www.moh.govt.nz/fluoride>  
leads to the **MOH website section that addresses fluoride**. In it, you can see the full scale propaganda war the MOH is waging to try and justify water fluoridation. Despite their best efforts, they cannot deny the **FACT** that fluorides are toxic poisons that are cumulative in humans. They try to argue that the benefits outweigh the dangers. We simply do not agree with them (not covered at meeting due to time constraints but included for reference).
- According to Orica (fluoride chemical supplier of choice for most of NZ where the councils fluoridate the water supply), they comply with the **Standard for the Supply of Fluoride for Use in Water Treatment** published by the New Zealand Water and Waste Association (now known as Water NZ). I have emailed and asked them for a copy of this document for our future reference. According to their OWN words:  
<http://www.waternz.org.nz/about.html>  
they are:  
**"Water New Zealand is a national not for profit sector organisation comprising approximately 1500 corporate and individual members in New Zealand and overseas. Water New Zealand is the principal voice for the water sector, focusing on the**

***sustainable management and promotion of the water environment and encompassing the three waters – fresh, waste and storm waters.***"

In other words, they are an industry advocacy group that is VOLUNTARY to join and whilst they can make submissions to Parliament they are NOT a legislative or enforcement body and have no real teeth. As such, compliance with their standards is completely VOLUNTARY.

This is a circular argument system yet again. No one monitors the fluoride supplies for other toxins and the standards that Orica conform to are voluntary and industry based from what we can tell. Orica would not tell us the source of their fluoride – i.e. from fluorspar/fluorite or from fertiliser scrubbers/industrial waste.

- Discuss my **fluoridation position paper** point by point (not covered at meeting due to time constraints but included below for reference).
- **'What can YOU do'** information for attendees (not covered at meeting due to time constraints but included below for reference).

**Mayoral Candidates spoke here for 2 mins each (Penny Bright and Colin Craig) – position statements.**

**Q and A session finished the evening.**

## What can YOU do?

### Personally:

- Educate yourself.
- Avoid fluoride sources as MUCH as possible.
- Use non-fluoridated toothpaste from a health food store.
- 3 main methods to filter fluoride out of drinking water:
  - Reverse Osmosis Filter – whole home filter if possible to avoid bathing in it etc.  
<http://www.nzfilterwarehouse.com/Reverse-Osmosis-Systems-and-Parts.html>  
<http://www.nzfilterwarehouse.com/Whole-House-Filters.html>
  - Water Distillation (re-mineralise it afterward)  
<http://www.steamdistiller.co.nz/index.php>
  - Atmospheric Water Generators (filtered dehumidifier water – must be re-mineralised)  
<http://www.atmosh2o.com/>  
<http://www.elementfour.com/products/the-watermill>  
<http://www.ecoloblue.com/>  
<http://www.ecofriend.org/entry/10-interesting-ways-to-harvest-water-from-air/>
  - Cheap filters like the 'Brita' filter do NOT remove fluoride:  
[http://brita.com.au/health\\_and\\_wellbeing/fluoride\\_ada](http://brita.com.au/health_and_wellbeing/fluoride_ada)  
but CAN be used for further filtration of 'gray' water supplies:  
[http://brita.com.au/our\\_products/household/technology/maxtra\\_filter\\_cartridges](http://brita.com.au/our_products/household/technology/maxtra_filter_cartridges)
- Supplement with Iodine to help your body to excrete fluoride:  
[http://findarticles.com/p/articles/mi\\_m0ISW/is\\_2003\\_May/ai\\_100767875/?tag=content:col1](http://findarticles.com/p/articles/mi_m0ISW/is_2003_May/ai_100767875/?tag=content:col1)  
<http://www.alkalizeforhealth.net/Liodine2.htm>

### Locally:

- Host public meetings like this one.
- Join the new AAWF (Aucklanders Against Water Fluoridation) Google Group and mailing/discussion list here:  
<http://groups.google.com/group/aawf>  
(join link on the right hand side). Join in the discussion via the mailing list, post interesting links you find and plan your local meetings with list member help.
- Email all your friends about the issue with links to online fluoride videos and encourage them to join FANNZ etc.
- Post fluoride info/video links on your social networking pages (i.e. facebook, myspace, twitter etc.)
- Stimulate public discussion and debate on this issue however you can.
- Contact your MP, mayor, councilors and council to voice your concerns.

### Nationally:

- Join FANNZ:  
<http://www.fannz.org.nz/resources.php> (Email FANNZ - [info@fannz.org.nz](mailto:info@fannz.org.nz) - with subject "Bulletins" to receive email bulletins about what's happening in New Zealand)
- Join in the national debate wherever possible.
- Comment on online news article and blogs/forums.
- Write to the MOH to voice your concerns.
- Oppose any efforts by the MOH to follow 'international' guidelines not based on research done in New Zealand.
- Encourage local and national governments to follow the NZ Bill of Rights.

### Internationally:

- Join FAN email list:  
<http://salsa.democracyinaction.org/o/2477/t/2431/signUp.jsp?key=2965>

## Sample Position Statement

**Jason Greenwood sample Personal Position Statement on Water Fluoridation below, with links. Each person can write their own based on the concerns that are most important to them as they research the issue for themselves.**

To whom it may concern,

I am currently working with a group of concerned citizens in Auckland to try and get fluoride removed from our drinking water. Once the new Super City Council is formed, we will be making submissions on the matter to them as it will then affect all Aucklanders. It is very interesting to note that the bulk of councils in NZ do not fluoridate but that the councils governing the most people do. I got involved in the fluoride debate when I had a knee injury that caused me to research joint damage, with Fluorosis as a possible cause. Even most dentists that support fluoride to prevent dental caries admit that it should be applied topically, NOT systemically as is done with water fluoridation.

Our major concerns with fluoridation are as follows:

### **1) New medical research results re dangers of fluoride**

There is a large and growing body of evidence that demonstrates that fluoride is not only cumulative but highly toxic and ultimately deadly to humans:

<http://video.google.com/videoplay?docid=7547385139152764985&hl=en#> (Professional Perspectives)

<http://video.google.com/videoplay?docid=4519697926101725336#> (interview with Dr. A.K. Susheela)

<http://video.google.com/videoplay?docid=-3949434744498031545&hl=en#> (An Interview with journalist Christopher Bryson)

Proponents of fluoridation have claimed that low dose fluoride is "safe" for over 50 years. However, scientists are only now beginning to study the subtle and chronic effects of fluoride, including disruption to neurological, developmental and hormonal systems, and synergistic toxicity with other compounds. In 2006, the US National Academy of Science reviewed existing data and concluded, "On the basis of information largely derived from histological, chemical, and molecular studies, it is apparent that fluorides have the ability to interfere with the functions of the brain and the body by direct and indirect means." They did not identify a level of fluoride that was safe for consumption, and said further research was paramount.

It is worth noting that a huge number of medical professionals oppose fluoridation on medical/health grounds:

<http://www.fannz.org.nz/importantdevelopments.php>

In addition, the dosage of fluoride that people receive will vary with their water consumption.

### **2) Bio-accumulation and eco-system toxicity buildup**

Many citizens are currently being dosed with fluoridated water and with prescribed drugs like Prozac and other drugs and chemicals. When excreted, these chemicals build up in our waterways (used for agricultural irrigation of course), oceans and other ecosystems, wreaking havoc with the source of all life on this planet. It is our view that water supplies should be jealously guarded and protected with robust laws and rules that protect both humans and animals to the greatest possible extent. Fluoridation does not meet this criteria in our view. It is also our view that water quality should be judged solely on what is removed from it, not what is added to it.

### **3) The slippery slope effect**

Due to the 'success' of fluoride in the water, serious discussions are currently taking place globally about adding other chemicals such as Lithium and Prozac to water supplies:

<http://bigthink.com/ideas/21595>

<http://www.practicaethicsnews.com/practicaethics/2008/02/fluoride-and-th.html>

It simply sets a bad precedent and we feel using the water supply as a drug delivery system is ethically, morally and medically reprehensible.

### **4) Personal Choice**

We feel that it should be personal choice as to whether to take fluoride. It should be opt-in, not opt-out. If the councils/MOH insist on subsidising fluoride, they should subsidise tablets instead, so that citizens have a genuine choice. Even if my drinking water is filtered I still have to bathe in fluoride and inhale it in the form of

steam. The NZ bill of rights states:

["Right to refuse to undergo medical treatment"](#)

The right to refuse should not be based on an 'opt-out' option.

Thank you for your time in this matter.

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