

Kansas Fluoride Information Newsletter

Up-to-date...

science based...

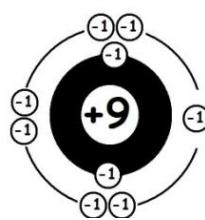
water fluoridation information!

Volume 01

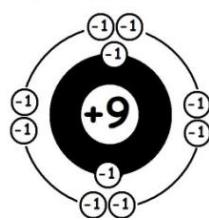
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Issue 03

Fluorine Atom



Fluoride Ion



In the last newsletter, the August edition, we discussed how important it is to look only at current scientific information related to water fluoridation, because so much changed in July of 2012 when the **Harvard School of Public Health** determined that even low levels of fluoride in water lowers the IQ in children.

Since the IQ loss is a permanent loss, that determination is so unsettling that some people are even worried about the trace amounts of so called '*Natural Fluoride*', or Calcium Fluoride (CaF₂) that is found naturally in well-water and streams across Kansas. Even Wichita, with no artificial water fluoridation, has about 0.3 PPM (Parts per Million) of Calcium Fluoride in the water naturally.

The bottom line is that while Calcium Fluoride is not a good thing to consume, and '*less is certainly better than more*'; by comparison to the fluoride compounds used in artificial water fluoridation, there is a huge difference.

While it is true that almost any chemical can be poisonous if the concentration is high enough, **the danger with all fluoride compounds is that the human tolerance is so extremely low.**

According to '*Roholm's toxicology research on fluorine intoxication*', the human toxicity of various fluoride compounds varies widely, with Calcium Fluoride (CaF₂) being the least toxic.

However, the most common additive in water fluoridation systems is Hydrofluorosilicic Acid (HFSA), which is **25 times MORE lethally toxic** than Calcium Fluoride (CaF₂). This is where IQ loss and cancer become a legitimate concern.

Sodium Fluorosilicate (Na₂SiF₆) is used in some water fluoridation systems, like Salina, KS, and

in some toothpaste and mouth wash products. It is **20 times MORE lethally toxic** than Calcium Fluoride (CaF₂). A note of caution on this compound: **Sodium Fluorosilicate, Sodium Fluosilicate, Sodium Silicofluoride, Sodium Hexafluorosilicate**, and the least commonly seen, **Disodium Hexafluorosilicate** are **FIVE** different names currently in use for the exact same product; Na₂SiF₆, also seen as Na₂SiF₆ in less capable word processing software.

Sodium Fluoride (NaF), also used in some toothpaste and mouth wash products, is **20 times MORE lethally toxic** than Calcium Fluoride (CaF₂).

Aluminum Fluoride, (AlF₃) is **8.3 times MORE lethally toxic** than Calcium Fluoride (CaF₂).

Nevertheless the important part is easy to remember, and that is... **the ideal amount of fluoride in the human body, even of Calcium Fluoride (CaF₂), is ZERO or NONE!**

There is no bio-chemical function in the human body, whatsoever, that needs fluoride to function. Without regards to the teeth, there is no controversy about fluoride's negative effect on body organs and the brain. The only controversial topic is fluoride's effect on teeth.

In reality, there never was a benefit to adding fluoride to the water. The practice started in 1945, about the same time that the modern tooth brush, invented in 1938, was coming into common usage. The presumed benefits of fluoridation were actually nothing more than the common mistake of thinking that there was a 'causation' link when in fact there was only a 'correlation' attributable to hygiene, showing up in the early studies that led to wide-spread artificial water fluoridation. # # #