

Chlorine is the greatercrippler and killer of modern times. While it prevents epidemics of one disease, it was creating another. Two decades ago, after the start of chlorinating our drinking water in 1904, the present epidemic of heart trouble, cancer and senility began."

SAGINAW HOSPITAL
Dr J.M Price. MD.

"Cancer risk among people drinking chlorinated water is 93% higher than among those whose water does not contain chlorine."

U.S. COUNCIL OF ENVIROMENT QUALITY



"Drinking tap water that is chlorinated is hazardous, if not deadly to your health."

HEALTHY WATER FOR A LONGER LIFE
Dr. Martin Fox

"Known carcinogens are found in drinking water as a direct consequence of the practice of chlorination, a long established public health practice for the disinfection of drinking water."

MUNICIPAL ENVIROMENTAL RESEARCH
LABORATORY
Francis T. Mayo, Director

"Chlorine is used almost universally in the treatment of public drinking water because of its toxic effect on harmful bacteria and other waterborne, disease-causing organisms. But there is a growing body of scientific evidence that shows that chlorine in drinking water may actually pose a greater long term danger than those for which it was used to eliminate. These effects of chlorine may result from either ingestion or absorption through the skin. Scientific studies have linked chlorine and chlorination by-products to cancer of the bladder, liver, stomach, rectum, and colon, as well as heart diseases, atherosclerosis (hardening of the arteries), anemia, high blood pressure, and allergic reactions. There is also evidence that shows that chlorine can destroy protein in our body and cause adverse effects on skin and hair.

The presence of chlorine in water may also contribute to the formation of chloramines in the water, which can cause taste and odor problems."

"Since chlorine is required by public health regulations to be present in all public drinking water supplies, it is up to the individual to remove it at the point-of-use in the home. The best available method of chlorine removal, for the individual consumer is found in the Shower Master Shower Filter Unit."

"The Shower Master Shower Filter Unit is of great value to those who are concerned about the adverse health effects of exposure to chlorine due to absorption through the skin or by inhalation. The Shower Master Shower Filter will provide superior protection from chlorine, when in accordance with the Manufacturer's recommended operating procedures.

KEMYSTS LABORATORY
Dr. Riddle, Ph.D.

Remove the Chlorine
from your shower.

Invest in a shower fileter toay!

For more information contact:



www.h2o.co.za

CHLORINE AND YOUR SHOWER



H₂O
INTERNATIONAL

Experience the difference!

"Taking long hot showers is a health risk, according to research presented last week in Anaheim, California, at a meeting of the American Chemical Society. Showers – and to a lesser extent baths – lead to a greater exposure to toxic chemicals contained in water supplies than does drinking the water. The chemicals evaporate out of the water and are inhaled. They can also spread through the house and be inhaled by others. House holders can receive 60 to 100 times more of the chemical by breathing the air around showers and bath than they would by drinking the water."

NEW SCIENTIST 18 SEPTEMBER 1986
Ian Anderson

"Studies indicate the suspect chemicals can also be inhaled and absorbed through the skin during showering and bathing."

"Ironically, even the Chlorine widely used to disinfect water produces Carcinogenic traces."
"Though 7 out of 10 Americans drink chlorinated water, its safety over the long term is uncertain."
"Drinking chlorinated water may as much as double the risk of the bladder cancer, which strikes 40,000 people a year."

U.S News & World report – July 29 1991
Is Your Water Safe – The Dangerous State of Your Water

"A long, hot shower can be dangerous. The toxic chemicals are inhaled in high concentrations."

Bottom Line/ August 87
Dr. John Andelman , PH.D.

"Skin absorption of contaminant has been underestimated and ingestion may not constitute the sole or even primary route of exposure."

AMERICAN JOURNAL OF PUBLIC HEALTH
Dr. Halina Brown

"On one hand, chlorination has freed civilization from the constant dangers of waterborne epidemics. On the other hand in the mid – 70s scientists discovered that chlorination could create carcinogens in water."

"80% of the population drinks chlorinated water."
"There was a higher incidence of cancer of the oesophagus, rectum, breast, and larynx and of Hodgkin's Disease among those drinking chlorinated surface waters."

"Volatile organics can evaporate from water in a shower or bath."

"Conservative calculations indicate that inhalation exposure can be significant as exposure from drinking the water, that is, one can be exposed to just as much by inhalation during a shower as by drinking 2 liters of water a day."

"People who shower frequently could be exposed through ingestion, inhalation and/or dermal absorption."

IS YOUR WATER SAFE TO DRINK?
Consumer Report Books

"A Professor of Water Chemistry at the University of Pittsburgh claims that exposure to vaporized chemicals in the water supplies through showering, bathing and inhalation is 100 times greater than through drinking the water."

"As chlorine is added to kill pathogenic microorganisms, the high reactive chlorine combines with fatty acids and carbon fragments to form a variety of toxic compounds, which comprise about 30% of the chlorination by – products."

"During the mid – 1970s monitoring efforts began to identify widespread toxic contamination of the nation's drinking water supplies, epidemiological studies began to suggest a link between ingestion of toxic chemicals in the water and elevated cancer mortality risks. Since those studies were completed, a variety of additional studies have strengthened the statistical connection between consumption of toxins in water and elevated cancer risks. Moreover, this basic concern has been heightened by other research discoveries."

THE NADER REPORT – TROUBLED WATERS ON TAP
Center For Study of Responsive Law

"Showering is suspected as the primary cause of elevated levels of chloroform in nearly every home because of the chlorine in the water."

ENVIRONMENTAL PROTECTION AGENCY
Dr. Lance Wallace Dr. Halina Brown

"The National Academy of Science estimates that 200 to 1000 people die in the United States each year from cancers caused by ingesting the contaminants in water."

The major health threat posed by these pollutants is far more likely to be from their inhalation as air pollutants. The reason that emissions are high is that because water droplets dispensed by the shower head have a larger surface – to – values ratio than water streaming into the bath."

SCIENCE NEWS, VOL. 130
Janet Raloff

"The cause of atherosclerosis and resulting heart attacks and strokes is none other than the ubiquitous chlorine in our drinking water."

CORONARIES/CHOLESTROL/ CHLORINE
Dr .J.M. Price, MD

"In the vast majority of cases where germ-free water is required, whether for public supply, or in the swimming pool, the process of disinfection will involve the use of chlorine in one form or another."

CHEMISTRY AND CONTROL OF MODERN CHLORINATION
Dr A.T. Palin, PhD..(O.B.E)

"Chlorine gas was despicably used during WW1. When the war was over, the use of chlorine was diverted to poisoning germs in our drinking water. All water supplies throughout the country were chlorinated. The combination of chlorine (when in drinking water) and animal fats result in atherosclerosis, heart attack, and death."

WATER CAN UNDERMINE YOUR HEALTH
Dr N.W Walker, DS