

Protect what's important.

SPECTRALIGHT™
ULTRAVIOLET





swimming pool
chlorine
is at the center
of a fierce debate

chlorine industry
advocates

HIGH
chlorine levels



researchers advocate
LOW
chlorine levels





chlorine industry:
maintain 3-4 ppm

**6-8 times
the chlorine
level in typical
tap water**

But is it *safe*?

organic matter enters all pools



leaves
debris
dirt



urine
feces



sweat
oils



saliva
skin
hair

scientific fact

**organic
matter** + **chlorine** = **toxic
chlorine
by-products**



**pool water
is recycled
over and over**



for months
and even
years



creating a
toxic soup
of
chemicals

“The impact of these chemicals on the respiratory health of children is at least five times greater than

second-hand smoke.”

**Dr. Alfred Bernard, Toxicologist
Catholic University of Louvain**



researchers:

Children who use pools
are five times more
likely to suffer from

allergies & asthma



researchers:

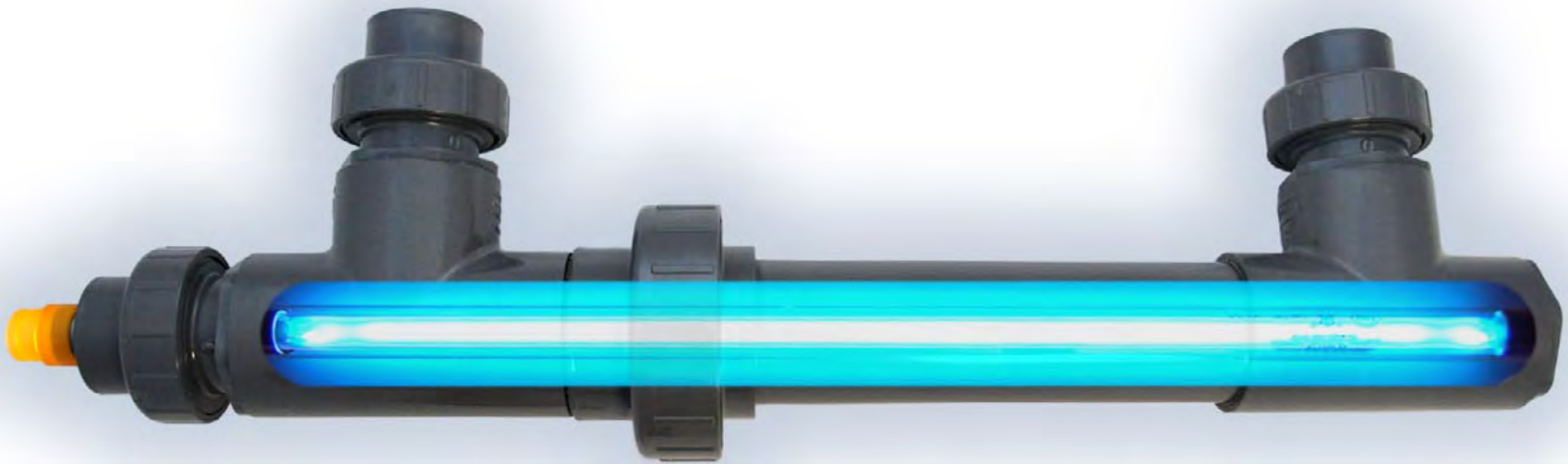
Swimming in chlorinated
pools increases bladder
cancer risk by 57%.



Studies: Typical pool chlorine levels of (2-4 PPM) lead to constricted airways, coughing, and wheezing.

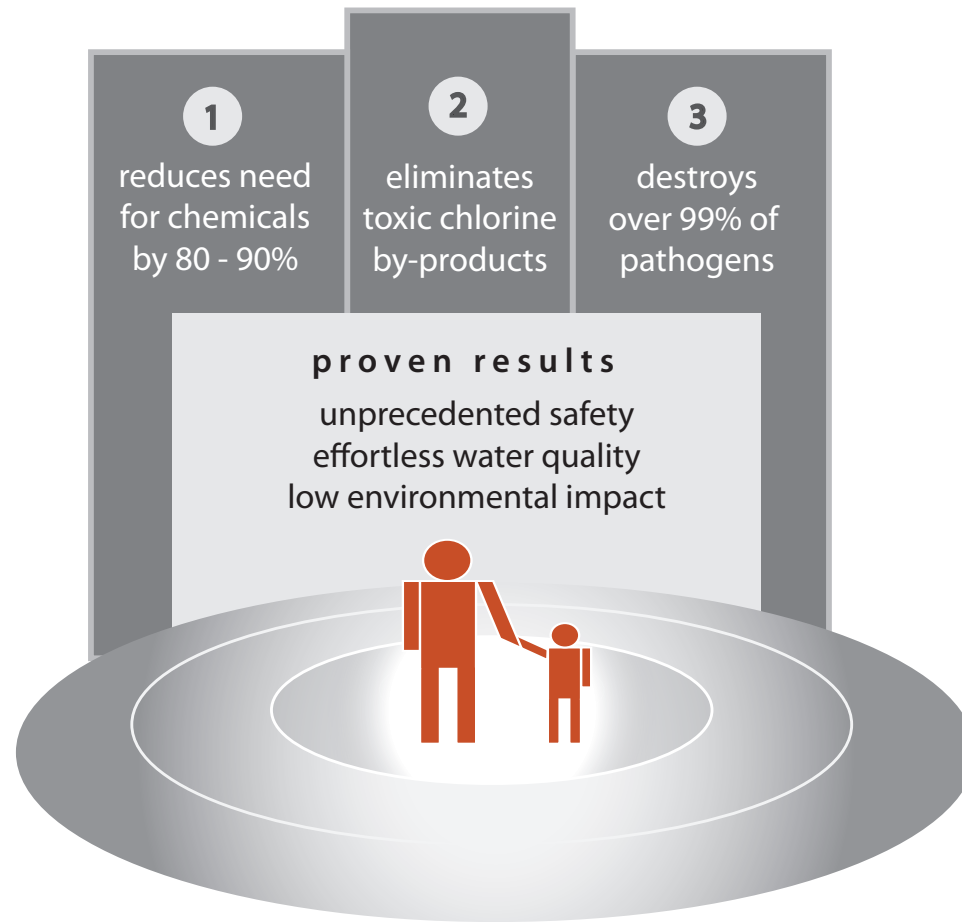


**So how do we protect
what's important?**



**Sterilizes pool water
using ultraviolet light, a
non-chemical process.**

**The evidence is in.
Researchers discovered that a
low chlorine level of 0.5 ppm is safe.**

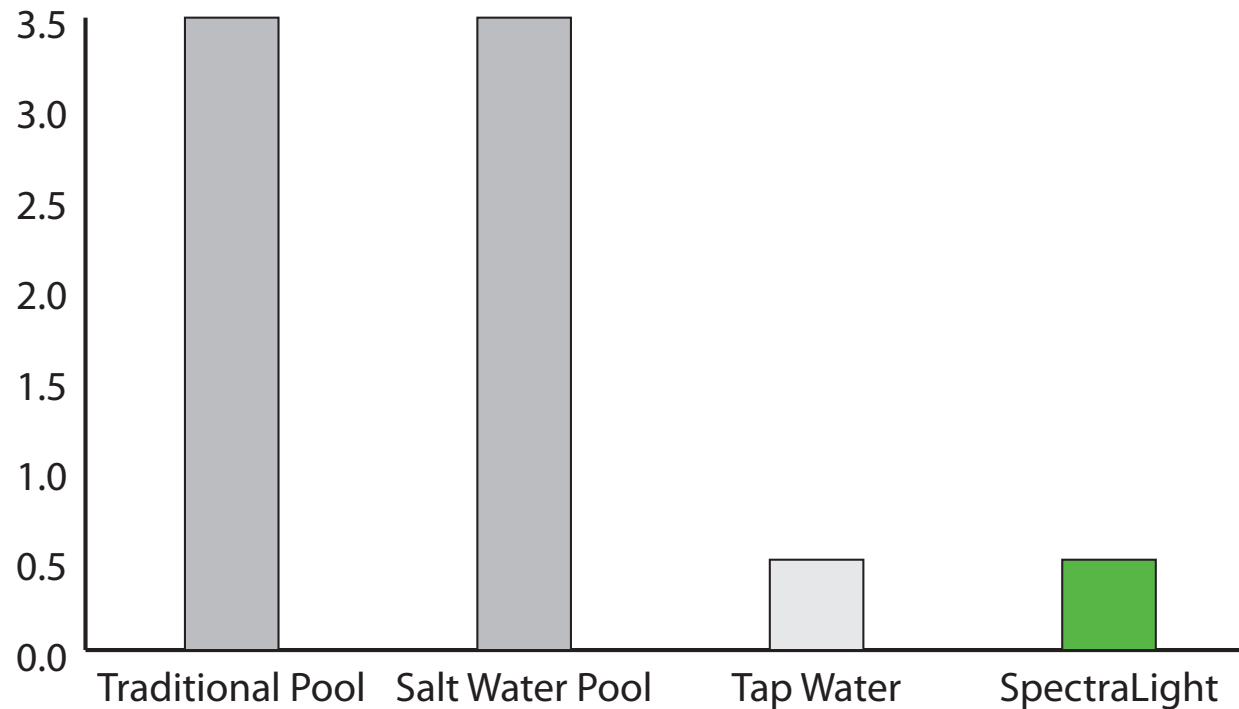


**SpectraLight's triple action
breaks the vicious cycle of chemicals.**

SpectraLight Action



**Destroys organic matter
which reduces need for
chemicals by 80 - 90%**



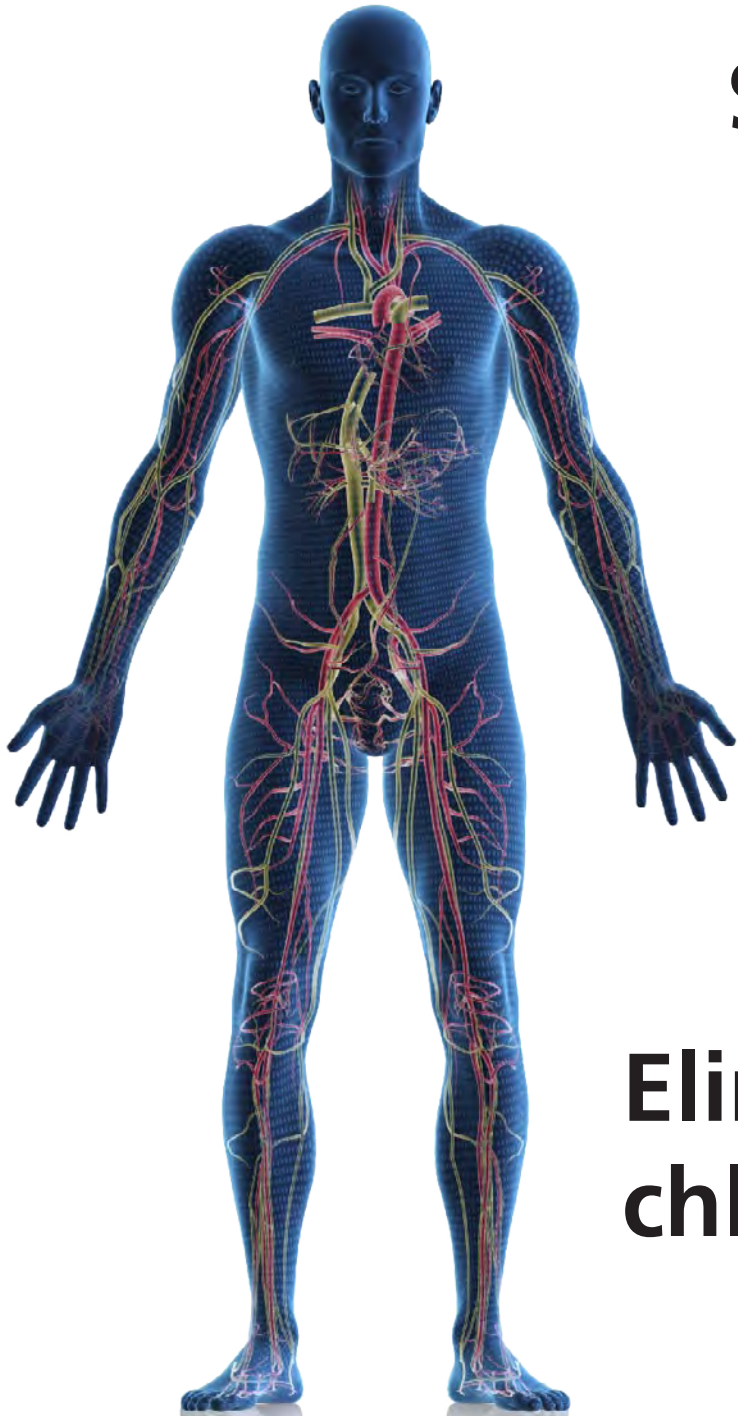
SpectraLight does the heavy lifting.
Now you can lower chlorine to just 0.5 ppm.

residual chlorine	3 - 4 ppm	0.5 ppm	83 - 87%
chlorine shock	every 1 -2 weeks	every 2-3 months	80 - 92%
stabilizer	30 - 50 ppm	3 - 8 ppm	77 - 94%
pH up/down	frequent adjustments	adjustments are rarely needed	75 - 90%
algaecide	varies	never	100%

All chemicals are lowered dramatically.

SpectraLight Action

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Eliminates **toxic**
chlorine by-products.

SpectraLight Action



Destroys all known pathogens.
bacteria, viruses, algae, cysts, parasites

**Even the ones chlorine
can't touch, like crypto.**



**UV photons destroy
pathogens' DNA.**

**SpectraLight reduces
environmental impact.**



SpectraLight's Triple Action

Protects what's important



Where is ultraviolet being used?

Ultraviolet protected swimmers
at the **games in Beijing.**





The **US Navy**
selected SpectraLight
to protect its dolphin
pool from pathogens.

New York City is using 12,000
UV lamps to keep drinking water safe.



**Over 200 leading aquatic centers
have made the move to ultraviolet.**



SpectraLight was built on a vision.

**That questions all
conventional thinking.**

**Less and more
can coexist.**



Protect what's important.

