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Why you should lotus® your home

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In December 2004, based on the findings from their “Children of the 90’s” project which followed more than 7,000 children since birth, the University of Bristol in England reported that:

“Children from the top 10 percent of families using chemicals most frequently were twice as likely to suffer wheezing problems as those from families which used the products the least.”

A Clear Link

Pregnant women, asked by the researchers to describe their most commonly used chemical products, listed: disinfectant (used by 87.4%), bleach (84.8%), carpet cleaner (35.8%), window cleaner (60.5%), dry cleaning fluid (5.4%), aerosols (71.7%), turpentine (22.6%), air fresheners (68.0%), paint stripper (5.5%), paint or varnish (32.9%) and pesticides /

insecticides (21.2%). The exact chemicals involved in the study were not identified, but the researchers say they have established a clear link between use of chemicals in the home and wheezing in young children – which can later develop into asthma.

According to the Trust for America’s Health, between 1980



Re-thinking the Family Home

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The EPA has stated that children 2 years old and younger might be 10 times more vulnerable than adults to certain chemicals.



and 1994, asthma increased by 75 percent. Among children under age four, asthma exploded by 160 percent in the same period and is now the number one cause of school absenteeism.

According to the National Environmental Trust, the last 10 years have seen an explosion of science exploring the links between toxic chemicals and human health. The science tends to reinforce some major themes: 1. health effects are often seen at very low levels of exposure - several orders of magnitude lower than previously thought; 2. human exposure to many industrial chemicals is widespread; and 3. increased incidence of various chronic diseases may be linked to toxic exposures.

In the first update in nearly 20 years, the Environmental Protection Agency stated in its "Guidelines for Carcinogen Risk Assessment" that children 2 years old and younger might be 10 times more vulnerable than adults to certain chemicals, and children

between the ages of 2 and 16 might be three times more vulnerable. Some of the reasons provided were: Differences in the capacity to metabolize and clear chemicals, more frequent cell division during development can result in enhanced expression of mutations, some embryonic cells - such as brain cells - lack key DNA repair enzymes and some components of the immune system are not fully functional during development.

Over 3 Years of Development

Tersano Inc. is a Canadian developer of cutting-edge household sanitizing systems aimed squarely at reducing, if not eliminating, the need for toxic cleaning chemicals in the home. Tersano engineers have developed a way to miniaturize the expensive ozone sanitization technology that progressive hospitals worldwide use to sterilize their instruments. The patented Oxyshield® process super-oxygenates water in a safe, efficient and cost effective manner,

Clean doesn't have a smell - 3,7-Dimethyl-2,6-octadienal does, but "Fields & Mist" sounds better.

turning ordinary tap water into the world's most powerful sanitizer commercially available.

Ozone is 52 percent stronger than bleach and over 3,000 times faster acting. Complementing the effectiveness is the fact that ozone, unlike other disinfectants, leaves no chemical residue and degrades to molecular oxygen upon destroying pathogens and toxins.

Over 3 Years of Preparation

In addition to the development of this technology, Tersano has also spent the last three years preparing for the launch of the lotus® sanitizing system™. They appreciate that they are offering something that is difficult to understand, but much like the

microwave oven before it, they are offering proof. Proof that lotus® kills up to 99.9 percent of pathogens commonly found on surfaces and proof that lotus®, in combination with a microfiber cloth, is an effective stain remover among many other things.

lotus® Helps in the Kitchen

The sanitizing force of ozone comes from the unstable nature of the ozone molecule (O₃), which reverts back to harmless oxygen (O₂) once its sanitizing work is done. As a result, lotus® infused water is equally safe sanitizing fruits, vegetables, seafood and meats. lotus® is sold with a spray bottle, all-purpose sanitizing bowl and two microfiber cleaning cloths. It retails for \$199.99.

