

The Dangers of Alcohol Sanitiser

Hand sanitiser is designed to rid our skin of harmful germs and keep our hands clean at times when we cannot access soap and water. While many people rely on sanitiser on a daily basis, they are not always aware of the dangers that alcohol-based substances can pose. Ethyl alcohol is a commonly-used ingredient in hand sanitisers, but applying this antiseptic to your skin daily may not be as safe as you think.

Exposure to Toxic Chemicals

Many people choose hand sanitisers that have an added fragrance, but by doing this you are exposing yourself to dangerous chemicals. To create the fragrance, companies would have to use numerous toxic chemicals, of which they don't need to legally disclose to buyers. Do you really want to be covering your hands in dangerous chemicals just because it smells nice?

Hazardous to Children

Plenty of hand sanitisers use ethyl alcohol or isopropyl alcohol as they act as an antimicrobial to kill bacteria. However, by using sanitisers that contain these chemicals, you could be putting your children in harm's way. A child who accidentally ingests alcohol-based sanitiser could become very ill, making these substances a health hazard.

Damages Immune System

Research has found that triclosan can weaken the immune system, and this substance is an antibacterial and antifungal agent that is commonly used in sanitiser. It compromises our body's ability to fight off disease, leaving people more susceptible to illness and allergies.

Affects Our Hormones

Studies in animals have proven that alcohol within hand sanitisers can lead to changes in hormones, causing bacteria to adapt to the antimicrobial properties within the alcohol. This then results in antibiotic-resistant strains. In humans, there are suggestions that the chemicals within certain hand sanitisers can cause disruption to our hormonal balance.



Alcohol



Use Alcohol-Free SHIELDme™ Sanitiser



SHIELDme™ has created a hand sanitiser that is entirely free of alcohol and chemicals. By using our solution, you and your family will not have to worry about encountering any harmful side effects. It is 100% natural and safe for humans and the environment.

Our Solution

Our FDA-approved formula contains super oxidized water and Hypochlorous acid (HOCl), which are entirely natural substances designed to fight microbes. This revolutionary disinfectant boasts the following properties: **NO ALCOHOL**

- **NO CHEMICALS**
- **NON-CORROSIVE**
- **DESTROYS 99.99% OF BACTERIA**
- **KILLS GERMS IN LESS THAN 60 SECONDS**

Our Technology

SHIELDme™ experts have designed and built products that contain our high-level disinfectant. Our bottled hand sanitiser can be used in all industries, including hospitality, schools, healthcare, sports and leisure. We have developed the following: **SANITISING TUNNELS**

- **AUTOMATIC SANITISER DISPENSERS**
- **DISINFECTING FOGGERS**
- **NON-CONTACT IR THERMOMETERS AND MORE!**



**SAFE FOR
ENVIRONMENT**



**SAFE FOR
HUMANS**



**KILLS 99.99% OF
VIRUSES / BACTERIA**

