

# Understanding Ozone

AWOIS, LLC



## What is Ozone?

Ozone is a clear gas that, with the appropriate application, is unmatched as a disinfectant, deodorizer, bleaching agent, and overall cleaning tool.

Ozone is a natural substance, created when the oxygen that we breathe is exposed to electricity or to Ultraviolet light. These catalysts break apart some of the O<sub>2</sub> molecules in the air, and then the separated oxygen atoms rejoin with the remaining O<sub>2</sub> molecules to form ozone (O<sub>3</sub>). This gas is then injected into the washer to purify the wash load.

## Why do we use Ozone?

Ozone is environmentally friendly. Unlike chlorine bleach, Ozone isn't a harsh chemical. Ozone disappears as it cleans, leaving linen and the air you breath pure.

Ozone is wash room friendly. Ozone is an amazing disinfectant. With the Aquawing Ozone System, *over 99.999% of the superbugs C. diff, Aspergillus niger and MRSA, HIV and Hepatitis is killed on every wash!*

Ozone is linen friendly. As it cleans, Ozone digs in and loosens fabric. This results in fluffier towels, whiter sheets, cleaner garments, and longer linen life.

**FAQ**  
Frequently  
Asked  
Questions

## Is Ozone a good disinfectant?

It depends on the application. Aquawing Ozone systems actually use patented Technology. This technology is proven to *kill over 99.999% of bacteria, every cycle!* Two separate microbiologist firms were commissioned independently to test the disinfecting qualities and both firms came to the same conclusion:

***Aquawing kills 99.999% of bacteria, on every cycle, including the superbugs C. diff, Aspergillus niger and MRSA, HIV and Hepatitis!***



## What about the Ozone layer?

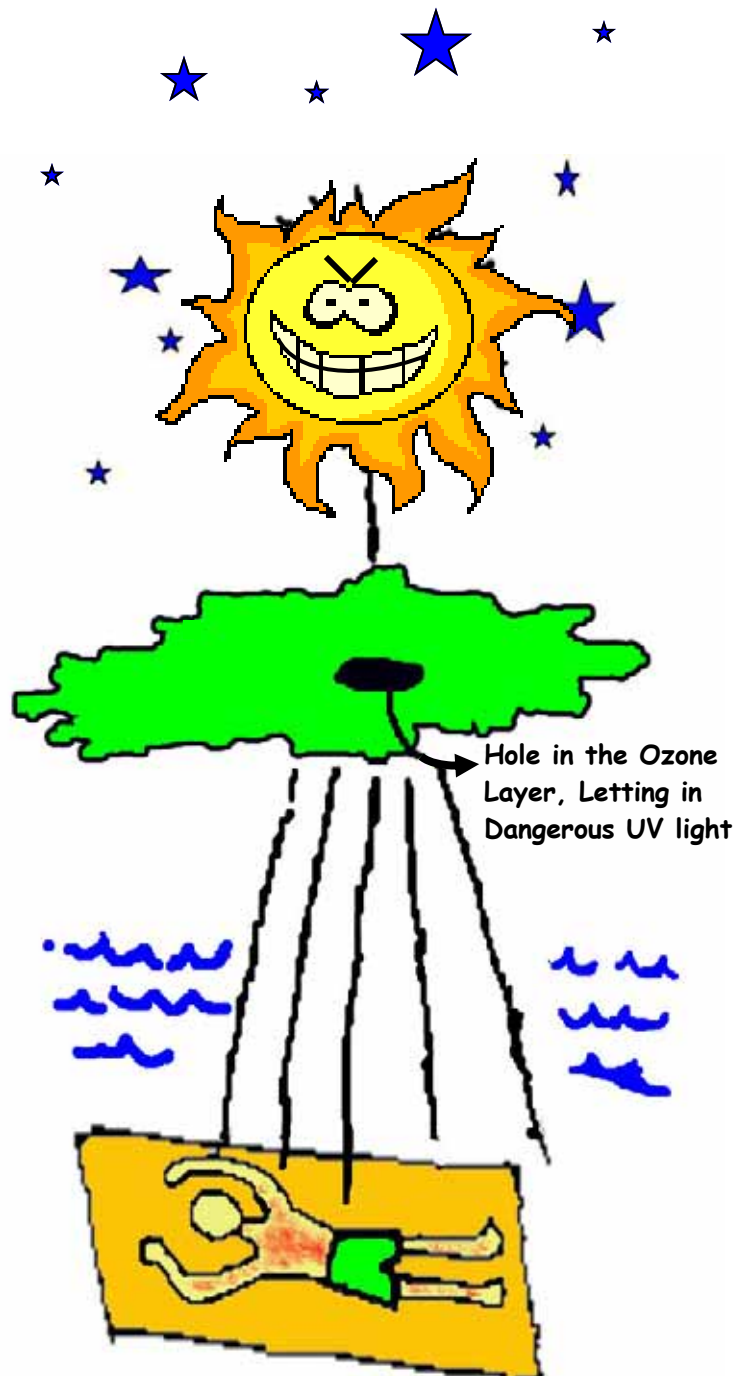
The Ozone layer may be one of the most important parts of our planet. It protects our planet from Ultra Violet light and many dangerous pollutants of outer space. The hole in the Ozone layer presents such a serious issue because Ozone is disappearing and isn't able to protect us. Ozone is our ally and very important to life on our planet (Illustration to the right courtesy of the United States EPA).

Ozone laundry has taken Mother Nature's pollutant killer and placed it in a wash. It is harnessing the purifying nature of Ozone and bringing laundries to all new levels of cleanliness.

## What does Ozone have to do with pollution?

Ozone is Mother Nature's way of protecting our planet. Occasionally, one hears about how a high Ozone index indicates pollution. However, it is important to note that Ozone is not the danger, but instead, it is our **safeguard**.

Ozone is Earth's blanket, which has been created to guard us, and our planet, from dangerous toxins. When pollution increases, Ozone levels increase as well because Ozone kills dangerous pollutants. It is Ozone that purifies the air we breathe and enjoy everyday. Now, thanks to Aquawing, it is Ozone that purifies the linens that we wear, we sleep in and we enjoy, everyday.



When the ozone layer is damaged, there is an increase in harmful rays from the sun reaching the Earth. These rays can harm both human health and the environment.

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