

## Oxygen Therapy Halifax

Oxygen Therapy Halifax - Hydrogen peroxide is a compound with an oxygen-oxygen single bond and an oxidizer. H<sub>2</sub>O<sub>2</sub> is its chemical name. Slightly more thick compared to water, hydrogen peroxide is a clear liquid. It is often used as a cleaning agent or as bleach. It is considered a very reactive oxygen kind because the oxidizing capacity of H<sub>2</sub>O<sub>2</sub> is so strong.

Hydrogen peroxide has numerous uses, as it can be used to propel rocketry. Naturally it is a by-product of oxidative metabolism produced within organisms. Practically all living things contain enzymes called catalase peroxidases which harmlessly and catalytically decompose low concentrations of H<sub>2</sub>O<sub>2</sub> into water and oxygen.

Usually recognized as safe, H<sub>2</sub>O<sub>2</sub> is made use of as an antimicrobial agent, as an oxidizing agent and for different other purposes by the U.S. FDA. Like for instance, thirty five percent hydrogen peroxide is used in the hospitals in order to stop infection transmission and H<sub>2</sub>O<sub>2</sub> vapour is registered as a sporicidal sterilant with the United States EPA.

Some of the uses of hydrogen peroxide include: utilize as a treatment for acne when combined along with benzyl peroxide, and it is utilized in veterinary practice as an emetic. Hydrogen peroxide can be utilized as a toothpaste or as an oral debriding agent, if mixed together with the correct amount of salt and baking soda, even if, this particular formula is not more effective compared to toothpaste by itself.

Hydrogen peroxide has a reputation for being a disinfectant or antiseptic for treating wounds, even if, this is actually a common misconception. Even though H<sub>2</sub>O<sub>2</sub> is an effectual cleaning agent, it is not recommended for lessening bacterial infection of wounds and applying it can actually impede healing and potentially lead to scarring since it destroys newly formed skin cells.

For the treatment of certain sicknesses like for example cancer, some alternative medical practitioners have advised drinking diluted hydrogen peroxide. The American Cancer Society states that "there is no scientific evidence that hydrogen peroxide is a safe, effective or useful cancer treatment", and advises cancer patients to "remain in the care of qualified doctors who use proven methods of treatment and approved clinical trials of promising new treatments."

The use of hydrogen peroxide intravenously, has been linked to many deaths. One other controversial treatment making use of hydrogen peroxide has surfaced, with the inhalation of hydrogen peroxide at a 1% concentration. Individuals need to be careful and safe when making use of hydrogen peroxide.