

Oxygen Therapy Regina

Oxygen Therapy Regina - H₂O₂ or also known as Hydrogen peroxide is a compound containing a single bond oxygen-oxygen and an oxidizer. The chemical name is H₂O₂. Hydrogen peroxide is a clear liquid that is slightly more thick than water. It is often utilized as a bleach or a cleaning agent. It is considered a very reactive kind of oxygen as the oxidizing capacity of H₂O₂ is so strong.

There are various uses of H₂O₂. Like for example, it is used as a propellant in rocketry. On the natural front it is produced in organisms as a by-product of oxidative metabolism. Practically all living things contain enzymes called catalyse peroxidises that harmlessly and catalytically decompose low concentrations of H₂O₂ into oxygen and water.

When being used as an antimicrobial agent, as an oxidizing agent, or utilized for many other reasons; H₂O₂ is usually recognized to be safe by the U.S. FDA. For example, thirty five percent hydrogen peroxide is made use of in the hospitals so as to prevent infection transmission and H₂O₂ vapour is registered with the United States EPA as a sporicidal sterilant.

Amongst the different uses for H₂O₂ comprise: being utilized as an emetic in veterinary practice, and being mixed along with benzyl peroxide as a treatment for acne. Hydrogen peroxide can be used as a toothpaste or as an oral debriding agent, when combined with the right quantities of baking soda and salt, even though, this formula is not more effective than toothpaste by itself.

The reputation for hydrogen peroxide is that it can be made use of as a disinfectant or antiseptic in the treatment of wounds. This on the other hand, is a common misconception. Though H₂O₂ is an effectual cleaning agent, it is not suggested for lessening bacterial infection of wounds and applying it can truly impede healing and possible result in scarring because it destroys skin cells which are newly formed.

Several alternative medical practitioners have suggested drinking diluted hydrogen peroxide as a treatment to illnesses, and particularly cancer. 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."

Intravenous use of H₂O₂ has been connected to some fatalities. One more controversial medical procedure that has surfaced in the alternative health realm has been the inhalation of hydrogen peroxide at a 1% concentration. Individuals must be cautious and safe when making use of hydrogen peroxide.