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## Storage Temperature of Minncare<sup>®</sup> Cold Sterilant

Customers have asked if they can store Minncare Cold Sterilant above 75°F (24°C).

The recommended storage temperature for Minncare<sup>®</sup> Cold Sterilant is between 32° – 75°F (0° – 24°C).

The shelf-life of Minncare Cold Sterilant takes into account short-term exposures to elevated temperatures above 75°F. In this context, “short-term” refers to time periods measured by days and weeks, not years. Such conditions can be experienced while the product is being warehoused and shipped. Elevated temperatures will increase the activity of the solution and can cause the container to inflate with oxygen due to the conversion of paracetic acid to hydrogen peroxide and acetic acid and the conversion of the hydrogen peroxide to oxygen and water. Elevated temperatures can also cause a breakdown of PAA (peracetic acid) and a potential decrease in efficacy. In addition, exposure to temperatures greater than 75°F will increase the chemical reaction between the chemicals and the container, which may embrittle the container’s material causing it to produce a crack and possibly leak chemicals. Care should be taken when opening any container that looks inflated as the pressurized content could cause a small amount of spray to be released. The user can easily monitor degradation of the Minncare Cold Sterilant solution by testing for efficacy. The efficacy of a 1% Minncare Cold Sterilant solution can be verified by testing with a Minncare<sup>®</sup> 1% Test Strip.