

STORAGE TEMPERATURE OF MINNCARE® HD DISINFECTANT

This Tech Note pertains to storing Minncare HD Disinfectant solutions above 75°F (24°C). The recommended storage temperature for Minncare HD Disinfectant is between 32°-75°F (0°-24°C).

The shelf-life of Minncare HD Disinfectant considers 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 peracetic acid (PAA) 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 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 HD solution by testing for efficacy. The efficacy of Minncare HD Disinfectant can be verified by testing with a Minncare HD Indicator (1%) Test Strip.

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