

Technical Bulletin

Quantum

Commercial Grade Disinfectant

Product Description:

QUANTUM is a powerful combination glutaraldehyde and quaternary ammonium compound commercial grade disinfectant.

QUANTUM has been designed for use wherever there is a risk of bacterial or viral infection in commercial and healthcare premises.

QUANTUM is a pH buffered solution to allow for effective shelf life and best possible biocidal efficiency.

Application:

QUANTUM is a total disinfecting agent for use in both clean and contaminated areas where high levels of organic matter may be present, without loss of disinfection and virucidal activity.

It has long been recognised that glutaraldehyde is an extremely good viricide/disinfectant, but in a very narrow band of the pH scale: 7.2 - 8.5. At this pH the solution will have a limited shelf life. To improve shelf life the solution needs to be acidic, within the range pH 3 to 5.

QUANTUM has overcome this problem by being within the acidic range in the concentrate form and while at dilution of 1:5 and 1:12 the "built in buffering" comes into play to increase the pH to allow for best possible disinfection.

1. High disease risk area. Dilute at 1:5
2. Routine disinfection. Dilute at 1:12

QUANTUM working solutions can be sprayed, sponged or mopped onto the area to be cleaned and disinfected. Allow the solution to remain on the surface for at least 5 minutes or until dry. DO NOT rinse down after use as the solution will remain active for at least up to 1 week.

Animals are not at risk from contact with small amounts of QUANTUM solutions. 5 litre, 25 litre, 205 litre.

SHELF LIFE: As a quality assured manufacturer, Castle Chemicals has a stringent Quality assurance programme. As part of this regime, the label on this product shows a batch number and date of manufacture. This product has a shelf life of 12 months from the label printed date of manufacture. This information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Castle Chemicals assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of material. **Page 1 of 1**