

Technical Bulletin

Verkleen

Peroxygen Surface Disinfectant

Product Description:

VERKLEEN is a unique powder for the safe & rapid disinfection of surfaces & equipment in a wide variety of situations. The active ingredient – Potassium Peroxymonosulphate has been proven against a wide range of viruses/bacteria & fungi. VERKLEEN works by oxidation of proteins & other components of cell protoplasm, resulting in inhibition of enzyme systems & loss of cell wall integrity. VERKLEEN is a pale pink powder that provides an indicative pink solution when diluted in water.

VERKLEEN has a built in detergent system, so it cleans as it sanitises. No need for separate operations. VERKLEEN solutions are stable for up to 7 days. Viability of the solution is shown by the dye indicator. VERKLEEN is soil tolerant; remains active even with quite high organic loading is present. Hence use in footbaths, floors and walls etc.

VERKLEEN is concentrated - a little goes a long way. A 1% solution is regarded as sufficient. VERKLEEN active ingredient meets the requirements for use in QAP (Quarantine Approved Premises) as suitable for surface and equipment disinfection at a specified contact time of 10 (ten) minutes.

Application:

VERKLEEN is easy to prepare. Add VERKLEEN to warm water – stir well, ensuring a clear pink solution. 10grams of VERKLEEN per litre of water.

Surface Disinfection:

For application to floors, walls and other inanimate surfaces:

Surface Disinfection	Dilution Rate	Application
Routine Disinfection for all surfaces, Plastic, Concrete, wood and earth	1:100 (10grams of Verkleen per Litre (1L) Water.	Spray or pressure washer to apply 300ml Verkleen solution per M2 of area.

Surface Application volumes Chart:

Coverage for 1:100 dilution (10g /L)

Surface area to be treated	Total volume Verkleen Solution required	1:100
50m2	15 L	150g
100m2	30 L	300g
500m2	150 L	1.5Kg
1000m2	300 L	3Kg

Food Safety Statement:

With regard to the use of this product as a cleaner and / or sanitiser that may have incidental contact with food:

When used in accordance with the directions described in this product technical bulletin, this product complies with recognised food safety parameters as safe to use with food preparation equipment and surfaces.

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 24 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**