

Clax[®] Activ conc

Bleach - low temp - hypochlorite

Description

Clax Activ Conc is a powder laundry destainer specially formulated for use in commercial, healthcare and on premise laundries. The product should be applied in the rinse at temperatures between 40 and 60 °C and can be used for all types of white fabrics and a limited number of colourfast textiles.

Key properties

Clax Activ Conc is an effective medium temperature bleach system based on chlorinated isocyanurates, alkaline salts and bleach stabilising agents. Dissolution of isocyanurates leads to formation of hypochlorite. The presence of alkaline salts reduces possible malodour.

This product can be applied on all types of white fabrics. It should not be used for cleaning coloured articles, except chlorine stable theatre linen. In order to obtain good bleach performance and at the same time causing minimal fabric damage, the temperature of the wash solution should ideally be between 40 and 60 °C and the pH should be above 10. Care should be taken that **Clax Activ Conc** is well dissolved; undissolved isocyanurate particles adsorbed to fabric may cause pinholes.

Clax Activ Conc provides good hygiene, provided the temperature and pH conditions and contact time are right. Please note that this type of bleach should not be applied on linen with chlorhexidine stains. In addition please avoid contact of chlorine with enzyme containing products in the wash solution. Enzymes will be inactivated by chlorine.

For further information on use please refer to 'User Instructions'.

Benefits

- Excellent destainer for all types of white fabric
- Results in minimal fabric damage when used according to user instructions
- Provides good hygiene

Use instructions

Dosing level is dependent on wash classification.

Dosage recommendation:

9 g/kg dry goods at 22 – 28 °C

3.5 – 6 g/kg dry goods at 50 – 60 °C

42C1

Clax[®] Activ conc

Bleach - low temp - hypochlorite

Please note the following:

- To obtain good bleaching the temperature should preferably be 40 – 60 °C (below 40 °C hydrolysis of chlorinated isocyanurates is too slow).
- At these temperatures the pH of the wash solution should be above 10.
- Please note that at a pH below 9.5, chlorine becomes more active because of formation of higher relative concentration of hypochlorous acid; this is far more aggressive than hypochlorite and will cause excessive damage to fabric
- Therefore proper pH control of the wash solution is essential
- At higher pH, chlorine becomes less 'active' and consequently higher temperatures may be applied; at pH 10.5 bleaching should be done at 50 – 55 °C
- Hypochlorite reacts with chlorhexidine, resulting in brown stains, which are hard to remove
- Please make sure that, after bleaching has been completed, all residual chlorine is neutralised in the rinse (Clax Anti Chlor, see PIS); incomplete neutralisation will lead to yellowing and fabric damage during drying at elevated temperatures
- Undissolved isocyanurate particles may cause pinholes
- Do not use **Clax Activ Conc** for cleaning nylon (polyamide; e.g. HTN dustmats)
- Generally **Clax Activ Conc** is applied in the rinse, although in some cases it may be dosed in the main wash

Technical data

Appearance	White free-flowing powder
Total alkalinity [% Na ₂ O; pH 3.6]	7.9
pH [1% solution]	10.0
Bulk Density [g/l]	1150
Available chlorine [%]	15

The above data is typical of normal production and should not be taken as a specification.

Safe handling and storage information

Store in original buckets, away from extremes of temperatures.

Full guidance on the handling and disposal of this product is provided in a separate Safety Data Sheet.