



Hypo

42A1

Bleach - hypochlorite

Description

Clax Hypo is a laundry destainer specially formulated for use in commercial, healthcare and on premise laundries. The product should be applied in the rinse at temperatures between 20°C and 40°C. It can be used for all types of white fabrics and a limited number of colourfast articles.

Key Properties

Clax Hypo is an effective low temperature bleach system based on hypochlorite, alkali and bleach stabilising agents. It is a very thin liquid, which makes it easily pumpable, ensuring optimal delivery in the wash solution.

This product can be applied on all types of white fabrics and articles with chlorine compatible dyes such as hospital 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 be kept below 30°C.

In addition, Clax Hypo provides good hygiene as long as the temperature and pH conditions and contact time are right.

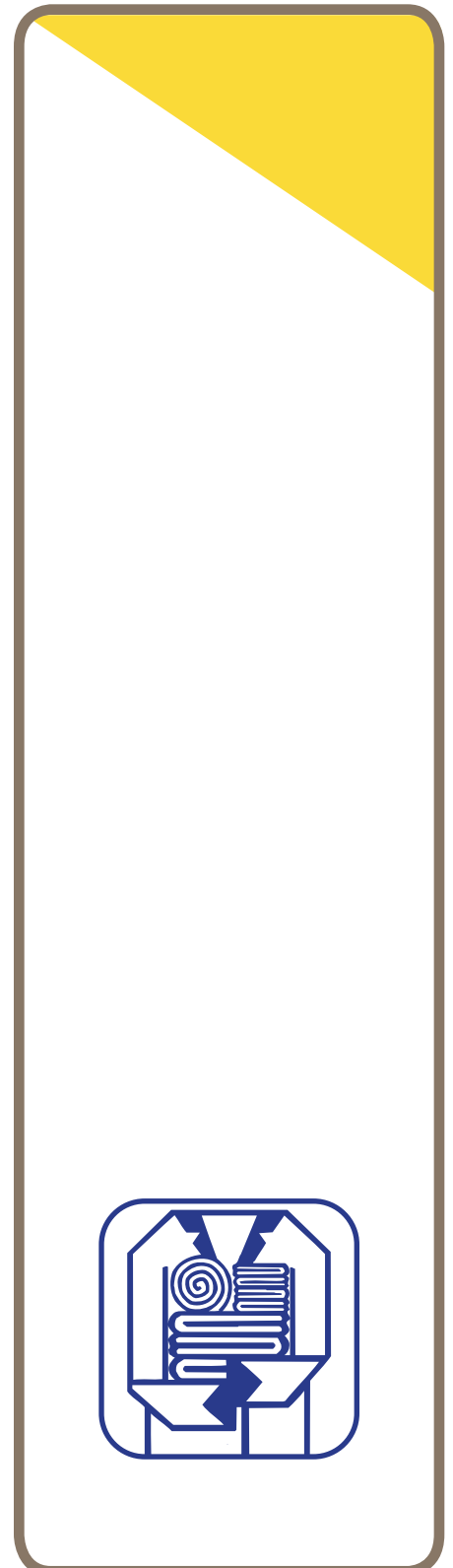
Please note that this type of bleach should not be applied on linen with chlorhexidinstains. It is advised to avoid contact of chlorine with enzyme containing products in the wash solution. Enzymes will be inactivated by chlorine.

Benefits

- Excellent destainer for all types of white fabric
- Easy to dose
- Results in minimal fabric damage when used according to user instructions
- Enables bleaching at lower temperatures; saves energy
- Provides good hygiene

Directions for use

Use Clax Hypo at concentrations between 3-15ml/kg dry goods depending on the type and degree of soiling and wash classification.





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Precautions

- To obtain good bleaching and to minimise fabric damage the temperature should preferably be kept at about 28 °C.
- At this temperature the pH of the wash solution should be around 9.5.
- 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 last rinse; incomplete neutralisation will lead to yellowing and fabric damage during drying at elevated temperatures.
- Do not use Clax Hypo for cleaning nylon (polyamide; e.g. HTN dust mats).

Technical data

Appearance	Clear, yellow liquid
pH [1% solution]:	11.8
Relative density at 20°C	1.19
Available Chlorine [%]	8.0

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

Safe handling

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

Storage information

Store in original closed containers or (where applicable) in an approved bulk tank, away from extremes of temperatures.

Product code	Pack size
JA102101 (5984539)	20L
JA102196	200L