

Clax Bright

Bleach system for low to medium temperature applications

Description

Clax Bright is a laundry destainer specially formulated for use in commercial laundries.

The product should be applied in the mainwash at 40 - 50 °C and can be used for all types of fabric (except woollen and nylon articles).

Key properties

Clax Bright is a well stabilized, effective, low to medium temperature bleach system based on phthalimidoperoxyhexanoic acid.

It is an easily pumpable liquid, ensuring optimal delivery in the wash solution.

Clax Bright can be applied on all types of fabric (except wool and nylon), including colour fast

articles. For cost-effective (energy saving) bleach performance, the temperature and pH of the washsolution should be 40 °C and 9.2 – 9.5 (pH at point of dosing) respectively. When used according to "Use Instructions" the product causes minimal fabric damage and colour fading.

Clax Bright provides good hygiene, provided temperature, pH and contacttime are as indicated below (see "Use Instructions").

Clax Bright is part of LowTemp system, based on a pre-wash/mainwash detergent,

enzymes and bleach. This system has been shown to give excellent cleaning results on white

workwear, restaurant/kitchen linen and hospital linen.

In addition lower wash temperatures result in reduced energy and water consumption and consequently significant cost-savings can be obtained.

Benefits

1. Excellent destainer for all types of fabric (except nylon and wool), including coloureds
2. Enables bleaching at low to medium temperatures; saves energy and prolongs fabric lifetime
3. Causes minimal fabric damage and consequently results in reduced textile replacement cost
4. Provides good hygiene
5. As part of LowTemp system, leads to reduced energy and water consumption (cost-saving)
6. Effluent temperature and final pH of washsolution in line with environmental requirements

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Use instructions

Dosing recommendation is as follows:

Soil Level	Dosage(g/kg dry goods)
Light	4.0 – 6.0
Medium	6.0 – 8.3

Clax Bright is part of LowTemp system and, dependant on classification, is being used in conjunction with Diversey recommended pre-wash and mainwash detergents.

Please note the following:

1. **Clax Bright** shows cost-effective, bleach performance at 40 °C
2. The pH of the washsolution should be between 9.2 and 9.5 prior to dosing of bleach system(if pH is > 9.5, pH should be adjusted with acetic acid). Good pH control is essential
3. Avoid usage of peroxide containing reclaim water in the prewash. This may lead to reduced cleaning performance
4. Avoid the presence of sodium bisulphite in the mainwash

Technical data

Appearance	White viscous dispersion
Relative Density[20 °C]	1.01
pH[neat]	3.20
Viscosity[mPa.s; 25 °C]	950

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

Safe handling and storage information

Store in original drums, away from extremes of temperature.

Phthalimidoperoxyhexanoic acid is a strong oxidant and strongly acidic.

Care should be taken to avoid eye contact. The use of safety goggles is required when handling this product.

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

Product compatibility

Please refer to application expert/sales representative for information on dosing equipment, tubing etc.

Diversey Ltd

Weston Favell Centre
Northampton NN3 8PD
Tel. 0800 525 525
www.diversey.com