



CLAX® Personril

4KL5

## Disinfectant - medium temp - oxygen - for coloured linen

### Description

Clax Personril is a laundry disinfectant and destainer specially formulated for use in On Premise Laundry and Commercial Laundry. The product should be applied in the mainwash at temperatures of 40 - 70 °C and can be used for all types of fabric, except woollen and nylon (polyamide) articles.

### Key properties

Clax Personril is a well-stabilised and effective medium temperature disinfection system based on a mixture of peracetic acid, hydrogen peroxide and stabilisers. 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 fabric (except wool and nylon), including coloured articles. For optimal disinfection performance the temperature of the wash solution should be between 60 and 70 °C. When used according to user instructions Clax Personril causes minimal fabric damage and colour fading. It is important to note that bloodstains will set when in contact with peracid/peroxide and as a result, will be hard to remove. Therefore it is strongly advised to avoid any contact with Clax Personril during the initial phase of the wash (i.e. first 7 minutes). It is recommended to treat fabric with bloodstains with an enzymatic product in the prewash.

### Benefits

- Excellent disinfectant and destainer for all types of fabric, including coloured articles (except nylon and wool)
- Easy to dose ensuring optimal delivery in the wash solution for consistent performance
- Enables disinfection and destaining at medium temperatures, thereby saving energy, water and time and prolonging fabric lifetime
- Causes minimal fabric damage and colour fading, and consequently results in reduced textile replacement cost
- RKI AB listed

### Use Instructions

Please note the following:

1. Clax Personril is most effective at temperatures between 60 and 70 °C.
2. The pH of the wash solution should be between 9 and 10; At pH > 10, disinfection performance (peracid) decreases, while at pH < 9 acid will evaporate, creating hazardous situations. Therefore proper pH control is essential.
3. At temperatures > 70 °C, peracetic acid starts decomposing and disinfection performance decreases; At temperatures below 60 °C, disinfection effectiveness decreases (consequently longer wash times are required to obtain similar effect as at 60 – 70 °C).
4. Do not use Clax Personril for wool or nylon (polyamide; eg HTN dustmat).

### Dosage\*

Dosing level is dependent on wash classification.

Dosage recommendation: 2 ml / litre of wash liquor.

At a liquor to cloth ratio between 1: 4 and 1: 6 this is equal to 8 - 12 ml/kg dry goods.

*\*This dosage is according to optimal conditions, recommendations may vary, please consult with your Diversey representative for directions.*





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#### Technical data

Appearance:	Clear colorless liquid
pH value (neat):	< 2
pH value (in use):	~ 3
Relative density (g/cm <sup>3</sup> ; 20°C):	≈ 1.11

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

#### Warning

Full guidance on the handling and disposal of this product is provided in a separate Safety Data Sheet; [sds.diversey.com](https://sds.diversey.com). Store in original closed containers away from extremes of temperature. Only for professional users / specialists. Peracetic 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.

#### Product compatibility

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

#### Microbiological data

##### 40°C:

- Clax Personril 4KL5 (2.5 g/L) passes EN 13727 & EN 16616 at 15 minutes in clean conditions (bath ratio 1:4)
- Clax Personril 4KL5 (6.5 g/L) passes EN 13727 & EN 16616 at 30 minutes when used in combination with Clax Profi Forte 36C1 (6 g/L) and Clax Delta G 11A1 (3 g/L) in dirty conditions (bath ratio 1:4)
- Clax Personril 4KL5 (8 g/L) passes EN 13727 & EN 16616 at 30 minutes when used in combination with Clax Profi Forte 36A1 (6.5 g/L) and Clax Delta G 11A1 (2.25 g/L) in dirty conditions (bath ratio 1:4)
- Clax Personril 4KL5 (20 g/L) passes EN 14476 at 30 minutes in dirty conditions

##### 60°C:

- Clax Personril 4KL5 (2.5 g/L) passes EN 13727 & EN 16616 at 5 minutes in clean conditions (bath ratio 1:4)
- Clax Personril 4KL5 (3 g/L) passes EN 13727 & EN 16616 at 15 minutes when used in combination with Clax Profi Forte 36C1 (8.5 g/L) in dirty conditions (bath ratio 1:4)
- Clax Personril 4KL5 (10 g/L) passes EN 14476 at 30 minutes when used in combination with Clax Profi Forte 36C1 (20 g/L) in dirty conditions
- Clax Personril 4KL5 has RKI AB listing at a concentration of 2 ml/L at 60°C and 15 minutes contact time, when used in combination with Clax Profi Forte

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