

# TECHNICAL BULLETIN



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## BLEACH 0.125% CHLORINE LIQUID

### MATERIAL & FUNCTION

**BLEACH 0.125%** is a specially prepared solution containing a minimum of 0.125% w/w of available chlorine when packed. This level is equivalent to 1250 ppm of available chlorine.

Chlorine is readily consumed by organic materials such as detergents and urine, so the working level of chlorine is likely to be lower than the initial dose rate. There is no general fixed level to dose chlorine but a good rule of thumb is that if there is residual chlorine after 10 minutes then a sanitizing effect is likely to have been obtained.

Another rule of thumb is that 200 ppm of chlorine (ie about 6 times dilution) is a level often applied in the case of sanitizing food preparation benches. However higher levels may be required for very dirty areas.

**BLEACH should** be stored in a cool dark place. Accidental splashes of **BLEACH** should be washed off immediately with water. For splashes in the eyes, irrigate with copious supplies of water.

The scope of this Technical Bulletin is to illustrate the more common uses of **BLEACH** with a recommendation of dilution rate and method of use.

#### 1. **BLEACHING** of sound white clothes

**Dilution:** neat

**Method:**

(a) Cold - immerse washed clothes in **BLEACH** solution and soak for 3 hours, then rinse

(b) Hot - Add the **BLEACH** to the hot wash water with the normal machine cycle using **WHITE-N-BRITE, BLUE BRITE or FOREST BIO WASH.**

#### 2. **STAIN REMOVAL** - such as tea, coffee, fruit, wine, blood and ink - from sound white cotton and linen.

**Dilution:** neat

**Method:** Soak stained portion in **BLEACH** solution for 5 to 15 minutes, then rinse thoroughly.

#### 3. **CLEANING & DISINFECTING** - tables, cooking boards, whiteboard of every description, linoleum, boarded, tiled and stone floors and steps.

**Dilution:** neat

**Method:** Wash down with **BLEACH** solution, leave for a few minutes before rinsing.

## PRECAUTIONS TO BE OBSERVED WHEN USING BLEACH

1. Always use **BLEACH** at the dilutions recommended.

### Dilutions Table

800	mls/litre	=	approx. 1000 ppm chlorine
640	mls/litre	=	approx. 800 ppm chlorine
240	mls/litre	=	approx. 300 ppm chlorine
160	mls/litre	=	approx. 200 ppm chlorine
8	mls/litre	=	approx. 10 ppm chlorine

2. When making up solutions, always add the **BLEACH** to the water and stir.

3. All utensils used for mixing **BLEACH** should be rinsed with clean water immediately after use. Never allow undiluted **BLEACH** to come into contact with metal.

4. **BLEACH** is a strong bleaching agent and its solutions should not be used on woollens, nylon, coloured goods, drip-dry fabrics, stained or varnished surfaces.

### PACKAGING

2 Litre, 500mL

### IMPORTANT NOTICE TO CUSTOMER

*Since the use of this product is beyond the control of either seller or manufacturer, their only obligation shall be to replace any quantity of product which is proven defective. They cannot assume any risk or liability in excess of the purchase price of the product itself, which does not include labour or any consequential damages resulting from the use of this product. Determining the suitability of this product for any intended use shall be solely the responsibility of the user. **ALWAYS TEST FIRST.***