

# TECHNICAL BULLETIN



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## BLEACH CHLORINE LIQUID

### MATERIAL & FUNCTION

BLEACH is a specially prepared solution containing 4.0% w/v of available chlorine when packed.

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:** 45mls/ 10 litres

**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:** 45mls/litre

**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:** 25mls/litre (=1000 ppm available chlorine)

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

#### 4. GREASY SINKS, BATHS, etc.

**Dilutions:** 25 mls/litre

**Method:** Wash all over with BLEACH solution, soak for 10 minutes, scrub and rinse.

#### 5. LAVATORY PANS DISINFECTING

**Dilution:** 460 mls neat

**Method:** Pour over the sides of the bowl last thing at night, allow to stand, then swab and flush in the morning. May be used in septic tank systems.

**Bleach continued.**

**6. DISINFECTING** off all refuse tips, drains, gulleys, urinals.

**Dilution:** 25 mls/litre

**Method:** Spray or flush with BLEACH solution.

**7. PLANTS** handling foodstuffs and beverages (breweries, soft drinks, ice-cream and fish trades), Bottle washing.

**Dilution:** (a) 7.5 mls/litre

(b) 500 mls/100 litre (= 200 ppm)

**Method:** After treatment with ALL KLEN or FOAM KLEN, use solution (a) as a wash. Give final rinse with chlorinated water containing 160mls/100 litres of BLEACH.

**8. REMOVING SLIME** from concrete surfaces and mosses and moulds from roofing materials.

**Dilution:** 50 mls/litre

**Method:** Apply BLEACH solution and leave to soak, then use stiff brush and hose or swill with water.

**9. SMALL SWIMMING POOLS, Disinfecting**

**Dilution:** 8mls/100 litres pool water each day plus

15mls/100 litres pool water on one day per week

**Method:** Dilute in water can of water and spray over pool surface each evening. Mix thoroughly and leave overnight before using pool. If water is circulated and filtered, drip feed the BLEACH into the suction side of the pump.

## **PRECAUTIONS TO BE OBSERVED WHEN USING BLEACH**

1. Always use BLEACH at the dilutions recommended.

### **Dilutions Table**

25 mls/litre = approx. 1000 ppm chlorine

20.3 mls/litre = approx. 800 ppm chlorine

7.8 mls/litre = approx. 300 ppm chlorine

4.7 mls/litre = approx. 200 ppm chlorine

3 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 vanished surfaces.

5. For all bleaching operations use KLEN CHLOR for natural fibres and OXY BRITE for synthetic materials.

## **PACKAGING**

5 Litre, 15 Litre, 20 Litre, 200 Litre containers & 1000 Litre bulki

## **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***