

# TECHNICAL BULLETIN



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## **BOTTLE KLEN** **Powdered Bottle Washing Compound**

### **MATERIAL & FUNCTION**

**BOTTLE KLEN** has been formulated specifically to meet the cleaning requirements for washing glass bottles in both hydro bottle-washers and hydro soakers. The product is also suited to cleaning post-mix tanks and stainless steel kegs when cleaning is carried out using automatic cleaning equipment.

**BOTTLE KLEN** is a highly alkaline, white, granular, non-dusting powder. It contains, water conditioners to hold dispersed soils in suspension and chelating compounds to effect removal of scale and prevent further deposition and speciality compounds for removal of rust stains.

### **APPLICATION**

**HYDRO BOTTLE-WASHERS.** Add **BOTTLE KLEN** to the wash tank according to the table below, depending on the operating causticity required.

**HYDRO SOAK WASHERS.** Depending on the type of washer and the degree of soiling, satisfactory results may be achieved using causticity concentration as low as 0.5%. However, it should be borne in mind that some health authorities (as Australia) require the use of a cleaning solution of minimum of 3.0% causticity for washing recycled glass containers and such laws must be complied with. Bottles of Coca-Cola are required by Coca-Cola Export Corporation to ensure that at least one soak tank be of 2.5% minimum causticity and this should be maintained in areas where this minimum level is not required by law.

It is generally not necessary to add **BOTTLE KLEN** to the hot detergent jet tank as the 0.5% causticity required in this tank will be achieved by carry-over.

The additions of **BOTTLE KLEN** in the following table are calculated for a tank of 500 litres; quantities should be adjusted to individual tank size.

<b>CAUSTICITY REQUIRED %</b>	1.0%	2.0%	3.0%
<b>Kg of Bottle Klen per 500L</b>	5.9	11.8	17.7

## PRECAUTIONS

**BOTTLE KLEN** is a very highly alkaline compound. Avoid contact with skin, eyes and clothing. Wear gloves and goggles when preparing solutions and always add **BOTTLE KLEN** to water - NEVER add water to **BOTTLE KLEN**.

## FIRST AID

1. If splashed - Remove contaminated clothing and flood with water for at least 15 minutes.
2. If swallowed -
  - a) Contact a doctor of Poisons Information Centre.
  - b) DO NOT induce vomiting.
  - c) Give plenty of water.
3. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

## 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.***