

Accu-San System Offers Clear Advantages

Accu-San PPG calcium hypochlorite is a dry form that is efficient and easy to use. In solution with water, it is used as a general disinfectant to destroy bacteria, algae, slime, fungi and other micro-organisms.

Calcium hypochlorite is used to disinfect drinking water supplies. It is used as a sanitiser in applications such as Potable/Industrial water chlorination for municipal drinking water, water wells, booster stations and waste water plants.

Accu-San is specifically formulated to help prevent scale formation inside the chlorination chamber. The tablets are pressed, not formed, ensuring their physical integrity and eliminating brittleness and extensive breakage. Each tablet contains a patented erosion modifier, so it erodes at a consistent rate.

- Good alternative to liquid bleach
- Includes scale inhibitor
- White colour for potable water
- Hard pressed tabs to minimise breakages
- Tabs 75mm wide by 30mm thick
- Safe and effective to use
- NSF 61 Listed for drinking water



Biostat Engineering
PO Box 359 Karrinyup
Western Australia 6921

Tel: (+61) 0435991950

enquiries@biostatengineering.com
www.biostatengineering.com



Contact your local distributor...

Biostat Water

Biostat

Accu-San

Disinfection of Drinking Water
Supplies and Sewage Systems

ACCU-SAN Drinking Water Sanitiser



Example of Accu-San & Biodec floating dispenser

What dose of chlorine does apply?

When chlorine is added to water for disinfection purposes, it starts reacting with dissolved organic and inorganic compounds in the water. Chlorine can no longer be used for disinfection after that, because it has formed other chemicals.

When dosing chlorine one has to take into account that chlorine reacts with compounds in the water. The dose has to be high enough for a significant amount of chlorine to remain in the water to provide for disinfection.

Chlorine can be added to the water for disinfection in several ways. One method is the use of the Biodec floating dispenser. Simply calculate the required tab/s and locate into the Biodec dispenser. Place the device, including the Accu-San onto the water for treatment. The amount and rate of dissolution of Chlorine into the water is regulated by the opening or closing of the dispenser adjustable sump.

Advantages of using Accu-San Tabs:

- Safety.....Easy to handle. No spills
- Water appearance.....Clear
- Material compatibility.....Metallic friendlier
- pH effects.....Lower pH (10.5)
- Concentration.....65% available chlorine
- Strength.....Consistent over one year
- Chlorine delivery.....Easy & reliable
- Auxiliary Equipment.....No moving parts
- Handling.....Rubber gloves & safety goggles
- Convenience.....System takes up little room



Safely eliminates all harmful micro-organisms from your drinking water.

DOSE: Factors which determine chlorine disinfection demand are: Chlorine concentrations, contact time, temperature, pH, number and types of microorganism and concentrations of organic matter in the water.

Breakpoint chlorination consists of a continual addition of chlorine to the water up to the point where the chlorine demand is met and only free chlorine remains.

RATE: Determine volume of water for treatment. Is the water clean (rain water) or cloudy (dam water)? Clean water will require approximately 1mg/L or more chlorine, while dam water may need up to 3mg/L or more to achieve disinfection and residual chlorine conc. of 0.2-0.5mg/L free chlorine.

Use chlorine test kit to monitor chlorine concentrations

300g Accu-San Tabs contain 195g (195000mg) of chlorine.

Available in: 4 x 300g Tabs, 5kg, 10kg & 20Kg pails

ACCU-SAN TABS