

CHLOR 12

APPLICATIONS:

Used to disinfect drinking water in aqueducts or on board ships and for disinfecting residual sewage water from waste water treatment.

Also used for disinfecting swimming-pool and Jacuzzi-pool water.

ADVANTAGES

Control and removal of bacterial flora ensured, thus meeting the essential requirements for drinking water.

12% SODIUM HYPOCHLORITE is universally recognized as a disinfectant for drinking water (approval by the MINISTRY OF HEALTH) therefore its use is allowed in all civil water supply lines.

RECOMMENDED DOSAGE

0,2 PPM of RESIDUAL ACTIVE CHLORINE as assessed by DPD method and tablets or ortho-tolidine should always be present in the ship or pipeline farthest point from place of application.

Residual chlorine in drinking water tanks should range between 0,5 and 2 (maximum) PPM, to ensure wide range antibacterial protection.

To obtain 2 PPM in a drinking water tank, put 20 cc of CHLOR 12 (corresponding to approximately 20 pump strokes of the proportioning pump) for every cubic meter of water. CHLOR 12 may either be proportioned manually with the proportioning pump or automatically upon water loading by means of a proportioning system featuring a pulse water-meter connected with a special proportioning pump.

To obtain 20 cc per ton of CHLOR 12 (or 200 cc every 10 tons). A meter must be installed releasing one impulse every 50 lt. of water flowing inside the pipe. Alternatively, an oversized meter can be used (i.e. every 10 lt.). In this case the sodium hypochlorite solution must be diluted with water or the proportioning pump has to be set to have a pump stroke every 50 lt. Consult your UNIMARINE Service Engineer for disinfecting swimming-pool and Jacuzzi-pool.

NATURE OF SPECIAL RISKS AND SAFETY ADVICE

In accordance with the latest EEC Council directives this product is subjected to:

R31 : Contact with acids liberates toxic gas

R34 : Causes burn

S2 : Keep out of reach from children

S28 : After contact with skin, wash immediately with plenty of water

S50 : Do not mix with acids

S45 : In case of accident or if you feel unwell, seek medical advice immediately (show the label if possible)

Contains approx. 15% max. active chlorine at time of production.

Symbol: C (Corrosive)



Code: **161161338**

CHLOR 12

12% SODIUM HYPOCHLORITE

Desinfectant activator

- Desinfects drinking water
- Controls and removes bacterial flora
- Desinfects residual sewage water and waste water systems

PRODUCT CHARACTERISTICS

Appearance: light yellow liquid, chlorine odor

Flash point: none

pH 1% solution: 11

IMO Class: 8

UN Number: 1791

ADR: 8.61c)



This information is not to be taken as a warranty or representation for which we assume legal responsibility, nor as permission, inducement or recommendation to practice any patented invention without a licence. The information is offered solely for your consideration, investigation and verification.