EFFITAB®

Clean water solutions

**1 tablet:
1 m³
of water**

EFFITAB®
Clean water solutions

Drinking water disinfectant — bactericidal, yeasticidal, viricidal

Long-release effervescent tablets • Biofilm prevention • Secure drinking water sanitary status
Easy to use: 1 tablet for 1000L - Complete, quick and homogenous dissolution

Dosing pump • injection of a concentrated solution
thanks to a dosing pump prepare concentrated solution depending
on pump settings.

DOSING PUMP SETTINGS	CONCENTRATED SOLUTION	TABLETS	
0.10 %		10	
0.20 %	10 L	5	
0.50 %		2	
1.00 %		1	

• Adapt the volume of stock solution to the consumption volumes.
• Wait 15 min for complete dissolution and homogenisation before
circulating in the water circuit.
• Do not mix with any other product in the stock solution.
• The optimal value at the point of consumption should be between
1 and 3 ppm of free chlorine.
• The concentrated solution can be kept for 7 to 10 days in a closed
container away from light and feeding.

USE RESERVED FOR PROFESSIONALS FOR ANIMAL DRINKING WATER APPLICATION

Keep drinking water free from pathogens

HUVEPHARMA®
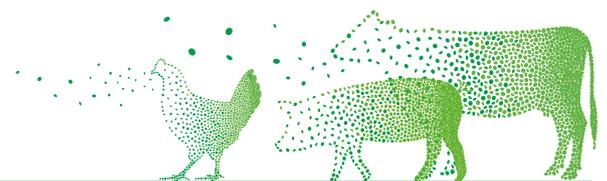
CHARACTERISTICS

Effitab® is an effervescent tablet containing 60% of NaDCC (sodium troclosen) dedicated for drinking water disinfection and designed for all animal species: cows, sheep, goats, pigs, poultry, rabbits, horses, small animals, etc.

- Easy to handle and to use: 1 tablet for 1000 L
- Long-release effervescent tablets
- Excellent stability
- Complete, quick and homogeneous dissolution

COMPOSITION

Sodium troclosene dihydrate (DCCNa) [CAS 51580-86-0]: 60 %

Effitab® is a chlorine effervescent tablet, formulated in acidic media, containing 60% of NaDCC (sodium troclosen).

- Active substance "sodium troclosen" is also known as NaDCC.
  - soluble in water and precursor of the most active undissociated chlorine element.
  - not an hypochlorite – it has far superior biocide properties.
  - exhibits rapid and potent disinfectant power.
  - turns into biodegradable components when used.

- **Effitab®** produces solutions with more than 90% undissociated chlorine (HOCl).

$$NaDCC + 2\ H_2O \Rightarrow 2\ HOCl\ \text{(hypochlorous acid)}$$

DCCNa
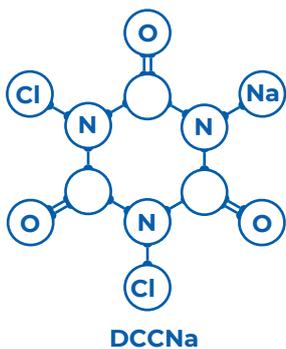
- HOCl is 100 times more effective than under its dissociated form (hypochlorite).

non-dissociated **HOCl** ← Acidic solution — **CHLORINE** — Alkaline solution → dissociated **H⁺ + OCl⁻**

Effitab®　　　　　　　　　　　　　　**HYPOCHLORITE**

Hypochlorite (chlorine bleach)
10% active chlorine

Effitab® + water
90% active chlorine

![EFFITAB® Clean water solutions]

EFFICACY

- Bactericide, virucide*
- Biofilm control

Use	Target	Strains	Conditions	Dose	Dilution
Water disinfection	Bactericide	*Enterecoccus faecalis, Escherichia coli, Salmonella enterica*	10 °C - 25 min	1 tablet / m³	5 ppm active chlorine
	Virucide	Avian Influenza PED (Porcine Epidemic diarrhoea)	10 °C - 25 min		

* According to adaptation of the UBA method "Quantitative determination of the efficacy of drinking water disinfectants".

ADVANTAGES

- **Optimized pH**
  The slightly acidic solutions are more effective than the alkaline ones.
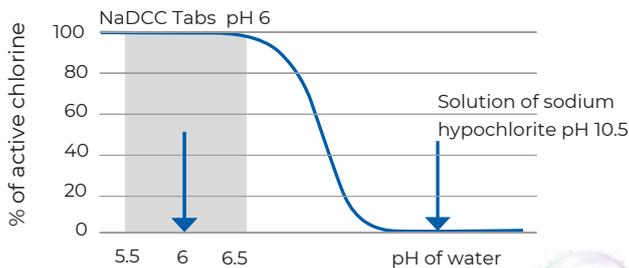
Solutions of NaDCC generate an optimum pH-value close to 6 to 6.5* which gives the better availability of active chlorine compared to sodium hypochlorite.

* Depending to the initial pH values of the water.

- **A reserve of active chlorine**

50 % combined   50 % active free chlorine
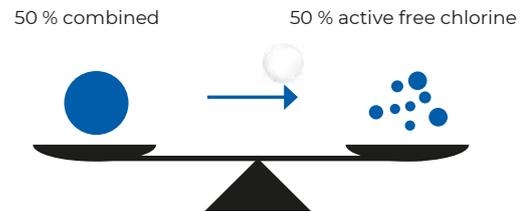
Free released chlorine is used as disinfection progresses. By maintaining a balance between the NaDCC chlorine reserve and active free chlorine, **Effitab®** allows the constant replacement of active chlorine consumption.

APPLICATIONS

Drinking trough

Water tank

Dosing pump

INSTRUCTIONS FOR USE

Effitab® demonstrates full efficiency by following the below recommendations:
Whatever the specie, prepare a solution containing 5 ppm of active chlorine.
5 ppm of active chlorine: 1 tablet for 1000L of drinking water.

- **Drinking trough:** (exposed to U.V., dust, organic materials) renew disinfection when active chlorine concentration in trough is less than 1 ppm or when water clouds.
- **Water tank:** check active chlorine concentration once a week at least; renew all the solution if active chlorine content is less than 1 ppm.
- **Dosing pump:** prepare concentrated solution depending on pump settings.

Dosing pump settings	Concentrated solution	Effitab® tablets	Volume of treated water
0.10 %		10	10 m^3
0.20 %	10 L	5	5 m^3
0.50 %		2	2 m^3
1.00 %		1	1 m^3

- Adapt the volume of stock solution to the farm consumption.
- Wait 15 minutes for complete dissolution and homogenize before circulating in the water circuit.
- The optimal value at the point of consumption should be between 1 and 3 ppm of free chlorine.
- The concentrated solution can be kept for 7 to 10 days in its closed container away from light and freezing.

Precaution:
Stop using **Effitab®** and check the absence of free chlorine into the drinking water before vaccination or any other medical treatment of the water.

REGULATORY

Biocide PT5.

Professional use only. Use biocides with caution.
Consult the safety data sheet and the label before any use.

STORAGE CONDITIONS / PACKAGINGS

- Keep in a cool dry place in its closed original packaging away from light.
- Can be stored in its original packaging for 3 years.

Effitab® is available in 60 tablets container.