

TECHNAPEROX

PNA005

Disinfectant, bactericide, fungicide, sporicide

PROPERTIES

TECHNAPEROX is composed of peracetic acid and hydrogen peroxide.

- Chemical products for water treatment.
- Appearance: colorless liquid.
- Odor: pungent, it doesn't smell when used at usual dose.
- It can be mixed with water in all proportions.
- Crystallization : -25° C
- Density at 18°C : 1.13

COMPOSITION

- Peracetic a: 2.5%
- Hydrogen peroxide: 31%
- Acetic acid : 5%
- Homologation : TECHNAPEROX is approved by the French agricultural ministry under the number 9900102, as a disinfectant for agricultural use.

USE AND PRESENTATION

- For disinfection in presence of fish and/or shrimp and treatment of superficial infections (wounds, filamentous bacteria, fungus, necrosis), bath of 10 to 30ppm (with strong water exchange) or 2 to 5 ppm (low or no water exchange), depending of the animals size.
- As with all disinfectants, TECHNAPEROX must be used on a clean area if the same efficiency as in laboratory tests is to be achieved.
- Spraying: Prepare a solution at 2.5 %, that is to say 2.5 liters of TECHNAPEROX for 100 liters of water.
- Soaking :
- Footbath: 2.5 %, renew every 2 or 3 days depending on extent of impurities.
- Material: the objects that need to be disinfected have to be soaked in a solution at 1 % for 2 hours.
- Rinse after application.
- **Store conditions:** Keep the product in its packaging, in a vertical position and take only the necessary quantities. Stock the product in a cool (less than 30° C) and ventilated room, away from sunshine, heat, combustibles and other incompatible products.
- **Efficient dose :**

	Bactericidal	Virucidal	Fungicidal	Sporicidal
Rearing tanks - Farming and/or transport equipment	0,7%	2,0%	2,5%	1,0%
Processing plant and storage - All other equipment	0,5%	2,0%	2,5%	1,0%



RANGE OF ACTIVITIES

• Virucidal efficiency

Viral strains (20°C – 30 min.)	Active concentration	Test conditions	Norms
Talfan	0.5%	1% albumin + 1% yeast	NFT 72-180
	0.5%	Hard water 30° F	
H.C.C.	0.5%	1% albumin + 1% yeast	NFT 72-180
	0.5%	Hard water 30° F	
Bacteriophage T2	0.5%	Hard water 30° F	NFT 72-181
Bacteriophage MS	2.2%	Hard water 30° F	NFT 72-181
Bacteriophage OX	0.05%	Hard water 30° F	NFT 72-181
Bacteriophage n°66	0.25%	Hard water 30° F	NFT 72-181

• Bactericidal efficiency

Bacterial strains (20°C – 5 min.)	Active concentration	Test conditions	Norms
Escherichia coli	0.25%	Hard water 30° F	NFT 72-171
	0.25%	1% albumin + 1% yeast	
Enterococcus hirae	0.5%	Hard water 30° F	NFT 72-171
	0.7%	1% albumin + 1% yeast	
Pseudomonas aeruginosa	0.5%	Hard water 30° F	NFT 72-171
	0.5%	1% albumin + 1% yeast	
Staphylococcus aureus	0.25%	Hard water 30° F	NFT 72-171
	0.5%	1% albumin + 1% yeast	
Lactobacillus plantarum	0.3%	Hard water 30° F	NFT 72-171
	0.7%	1% albumin + 1% yeast	

• Fungicidal efficiency

Bacterial strains (20°C – 15 min.)	Active concentration	Test conditions	Norms
Penicillium verrucosum	0.25%	Hard water 30° F	NFT 72-201
Scopulariopsis brevicaulis	1.3%	Hard water 30° F	NFT 72-201
Geotrichum candidum	1.8%	Hard water 30° F	NFT 72-201
Aspergillus versicolor	2.5%	Hard water 30° F	NFT 72-201
Absidia corymbifera	2.5%	Hard water 30° F	NFT 72-201
Cladosporium cladosporioides	2.5%	Hard water 30° F	NFT 72-201

