



**FOR TOP QUALITY WATER AND THE
PERMANENT MAINTENANCE OF YOUR
WATER SYSTEMS.**

LOXYDE is a powerful environmental cleaner that removes organic pollution while also purifying the water. Due to its versatility, Loxyde is very effective against micro-organisms and organic deposits such as biofilm in water systems because it pierces and annihilates them.


LOXYDE is composed of hydrogen peroxide of a high purity, re-enforced at the molecular level by natural stabilizers and activators. Loxyde possesses out of the ordinary efficiency, more than 120 hours against 30 minutes for a classic product. It helps ensure first quality water.

LOXYDE is 100% biodegradable, it fully decomposes into water and oxygen.


BIOFILM POISONS DRINKING WATER IN PIGGERIES

LOXYDE SOLVES THE PROBLEM:

- ⊗ It eliminates microorganisms (bacteria, spores, algae, fungi and mosses) and organic pollution (biofilm and the whole of its viscous layers). No possible resistance can build up because Loxyde 'burns' the wall and the DNA of pathogenic cells.
- ⊗ It promotes water consumption in pigs (odour-free, colourless, and tasteless). Farmers may also notice reduced mortality, increased food conversion rate, increased weight gain, reduction in antibiotics and medicine.
- ⊗ Its physical and chemical action prevents re-contamination of biofilm. Drinking water networks stay clean and watering remain homogeneous.
- ⊗ Drinking water is better thanks to the action of the active oxygen.
- ⊗ Loxyde, by its oxygenation of the water, avoids ferric deposits in pipes.
- ⊗ Improves general hygiene conditions and may reduce instances of tail biting
- ⊗ Loxyde is extremely stable, which makes it even more efficient since it can be active for more than 120 hours. It helps ensure first quality water because it is always active and allows for continual use.
- ⊗ It leaves no residue ($H_2O_2 = H_2O + O_2$). It allows to bring water to its natural balance.
- ⊗ Its formula precludes all risk of phytotoxicity.
- ⊗ It is effective from 0 to 95 ° C and at pH 3 to pH 9
- ⊗ It does not affect steels or plastics. It allows to maintain water systems and equipment.
- ⊗ It contains no traces of heavy metals, nitrate, chlorine or sodium.



**Biofilm removed from poultry
shed drinking system**




**Biofilm scraped out of a drink-
ing water system prior to
treatment with Loxyde**



Applications of LOXYDE®

LOXYDE can be applied in different ways:

- ⊗ Drinking water
- ⊗ High pressure
- ⊗ Soaking
- ⊗ Spray/fog



**Some of the biofilm collected
during a system clean**



Dosage and use of LOXYDE

1. Continual treatment (improving the quality of water and maintenance of the network)

Drinking water system: 50 ml of Loxyde per m³ of water. This dosage is made through a degasing injection pump (in case of severe contamination, do not overdose, it is preferable that the action of the product is progressive, do not hesitate to purge the lines from time to time.

2. Shock Treatment (deep cleaning and elimination of organic deposits)

Drinking water system: between two rotations, dose 1 to 2% of Loxyde into the water network. Leave in the network for at least 2-4 hours. Drain and rinse with water.

Depending on the size of the organic deposits, it may be necessary to repeat this procedure. It is interesting to alternate with acid to remove any mineral deposits. Do not forget that the water network must be purged if you want to eliminate residues. See cleaning protocol for further information

3. Treatment of empty sheds and buildings

Spray 30 litres of Loxyde per ha in 300 litres of water. Do not rinse. Alternatively fog 60 litres of Loxyde in 300 litres water per ha.

4. Treatment of storage water

Add 10 to 50 ml of Loxyde per m³ of water.

5. Cleaning of equipment and surfaces

Treat with a 0.5-2% solution of Loxyde . Do not rinse.

Healthy water...

Healthy pigs...

LOXYDE[®]



Injection pump



PEROXIDE TEST STRIPS

Regularly measure the level of peroxide using peroxide test strips .
MEASURING PERMITS AJUSTMENT.

The setting of the dosage is done through our test strips. For a good efficiency of **LOXYDE**, you need to measure between 3 and 10 ppm at the end of the network.

PACKAGING:

25 kg, 240 kg drum and IBC tank of 1100 kg

Store sheltered and in the shade, somewhere cool and dry. Respect the prescribed doses. If in doubt, call a technician.



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