

## **DUFA-AQUA**

### **Composition:**

Dufa-Aqua is a silver stabilized 49.4 wt% hydrogen peroxide (H<sub>2</sub>O<sub>2</sub>) solution in water; using stabilizers and supporting components. Relative density at 20°C is 1.2 g/ml.

### **Description:**

*Removing the biofilm, disinfects the water and kills all pathogenic microorganisms*

Dufa-Aqua is a powerful and very effective drinking water system cleaner and disinfectant. It removes the biofilm completely from the whole drinking water system and disinfects the water in such way that all pathogenic microorganisms are eliminated and can no longer infect the animals.

*Suitable for all drinking water systems*

Dufa-Aqua can be used in any drinking water system. It is a highly oxidative cleaning product, no toxic ingredients are used and there is no effect on the smell and the taste of the drinking water.

*Efficacy in fighting the Foot- and Mouth Disease*

Dufa-Aqua shows excellent effect on many viruses and microbes and is a simple and useful weapon against many highly pathogenic and virulent agents. It is suitable to be used against Foot- and Mouth Disease virus by spraying it as a prepared solution in the mouth or on top of hooves.

*It can be used in presence of animals*

Dufa-Aqua is 100% soluble in water and can be used in the presence of animals. Dufa-Aqua is effective at very low concentrations. No withdrawal period is applicable.

Using Dufa-Aqua is safe for people, animals and equipment!

### **Directions for use:**

- *Preventive treatment:*

Contamination will be avoided by adding 50-100ml Dufa-Aqua to 1,000 litres of drinking water during one day, immediately after the use of an additive through the drinking water system.

- *Cleaning and disinfection of drinking water systems in empty barns:*

Fill the drinking water system with a 1-3% Dufa-Aqua solution (1-3 litre Dufa-Aqua per 100 litres of water), including the nozzles, cups and towers to ensure the cleaning and disinfection of the whole system. Ensure to have an air outlet in the system.

Leave the solution for 12 hours in the system. Care for sufficient ventilation in the barn.

After 12 hours, rinse the complete drinking water system with clean water.

- *Cleaning and disinfection of drinking water systems in populated barns:*

Initially, start with a low dosage of 0.005% Dufa-Aqua (50 ml Dufa-Aqua per 1,000 litres drinking water). Increase the dosage every two days with 50ml, till a maximum dosage of 0.025% (250 ml Dufa-Aqua per 1,000 litres drinking water) has been reached.

In case the water intake changes, the dosage should be adjusted.

- *Foot and Mouth Disease (FMD):*

Slowly add 100 ml Dufa-Aqua to 10 litres of clean tap water to make a 1% dilution.

Use a sprayer to apply 20 ml of the prepared solution inside the mouth or between and on top of the hooves. Repeat this treatment at least 3 times per day. There is no limitation on the use of the product. Use the prepared solution within 24 hours.

In case of severe biofilm / pathogenic bacteria pollution, a water analysis is recommended. In such case, clean the drinking water system first when the animals are not present.

**Precautions and warnings:**

Pure Dufa-Aqua is strongly burning. Only use this product by wearing gloves. In case of contact with the skin, wash the burned area with clean tap water and avoid contact with eyes.

**Storage conditions:**

Store only in the original container in a secured, well-ventilated area out of reach of children and domestic animals. Store between 0 and 30°C. Keep container tightly closed when not in use.

**Packing:**

1 litre bottles, 5 litre and 10 litre cans.