

Use biocides safely. Always read the label and product information before use.

### 1. PRODUCT DESCRIPTION

Solid spacer fabric with silver-coated yarns to treat water for ensuring long-term water usage by means of dissolved silver ions.

#### Approved usage:

Preservatives for liquid-cooling and processing systems (PT 11).

#### Material composition:

Material (2x 3 g +/-5%): 89.1% polyester (PET), 9.3% polyamide (PA), 1.6% silver

#### Active substance/concentration:

Ag<sup>+</sup> <0.05 mg/L (dissolved) from 2 x 48 mg silver (solid)

CAS number: 7440-22-4

BAuA (German Federal Institute for Occupational Safety and Health) reg. no.: N-100990

Swiss approval number: CHZN6738

### 2. USAGE, DOSING AND DURATION

The product is designed for continuous use and can be used for up to 12 months. For use by end users. The silver ion pad is intended exclusively for water treatment to ensure long-term water usage. It cannot be used for water decontamination/cleaning or filtration.

The silver ion pad must only be used in clean air washers or humidifiers.

The product must not be used in combination with other additives. The biocidal effect occurs immediately when there is contact with water; depending on the local water quality and the movement of water in the tank, complete distribution of the silver ions can take up to one hour.

### 3. INITIAL USE & INSTALLATION

a. Please clean the water tank before initial use according to the specifications of the device manufacturer.

b. Make sure that the silver ion pad is placed correctly in the water tank. To ensure the best possible release of the silver ions, please observe the instructions for use for the device.

c. The biocidal effect occurs immediately on contact with water, but takes some time to distribute in the tank. Movement of the water supports both the distribution and release of the silver ions.

The silver ion pads are sold ready for use. Dosing is not necessary and overdosing is not possible, as the release of silver ions is regulated automatically as soon as there is a sufficient concentration in the water. Safety intervals do not have to be observed after the start or end of usage.

### 4. CLEANING THE PRODUCT

Contamination of the product can be eliminated using clear water and a commercially available detergent. If the contamination is very severe, we recommend replacing the silver fabric.

If hard water is used, the product may calcify. However, the limescale deposits can be easily removed by soaking them in dissolved citric acid (for descaler, see the manufacturer's instructions).

**Important!** Contamination and calcification of the product cover the effective surface of the silver and thus result in reduced performance. Therefore, the product should be checked regularly and cleaned if necessary.

### 5. STORAGE

Store at room temperature (15 – 30°C) away from light and moisture.

Can be stored for up to 5 years from the date of manufacture under normal conditions. (See EXP. print)

#### After usage:

When not in use, the material can be air-dried and stored at room temperature away from light. Protect from heat and direct sunlight. Store in plastic packaging. Do not store with flammable materials and keep away from sources of ignition. Flammable!

### 6. DISPOSAL

Disposal must be done according to official regulations. Do not discharge into drains or the environment. Do not dispose of with domestic waste. Recycle or dispose of in compliance with current legislation.

### 7. IMPORTANT SAFETY AND HAZARD INFORMATION



**Warning!** Very toxic to aquatic life with long lasting effects. Keep out of reach of children. Avoid release to the environment. Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

#### First-aid measures:

**First-aid measures general:** In all cases of doubt, or when symptoms persist, seek medical attention.

**First-aid measures after inhalation:** Remove person to fresh air and keep comfortable for breathing.

**First-aid measures after skin contact:** Gently wash with plenty of soap and water.

**First-aid measures after eye contact:** Rinse eyes with water as a precaution.

**First-aid measures after ingestion:** Drink plenty of water. Do not induce vomiting. Get medical advice/attention.

Minimise the use of biocides.

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