

Ferroid® 8597

**Multiple-spectrum range biocide for use in industrial water systems,
effective over a wide pH range**

APPLICATION

Ferroid® 8597 is used for the treatment of small and medium capacity water systems, as well as in systems where automatic dosing can be very expensive: in air conditioners and for the treatment of industrial water intended for domestic use.

Ferroid® 8597 is an oxidizing biocide with a wide range of effects: control of bacteria, fungi, mould and algae. The product is also effective against *Legionella pneumophila* and *Legionella gormanii* bacteria, that cause legionellosis.

It reduces the growth of microbial flora and removes existing microorganisms.

Ferroid® 8597 can be used in cooling towers, flow filters, disposable cooling towers and industrial water treatment systems.

SPECIFICATION

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|---------------------|---|
| Active ingredients: | Organic compounds of chlorine and bromine |
| Efficiency: | pH from 6 to 10 |
| Form: | white tablets |
| Solubility: | about 0,02 g/l |
| Density: | 1.8 – 2.0 g/cm ³ |

DOSAGE

Ferroid® 8597 is a slowly dissolving compound of bromine and chlorine, which can create bromic acid (a strong disinfectant) in the treated water. The product contains 63% bromine. A tablet of 1.6 g dissolved in 1 m³ of water creates 1 mg/l of free bromine.

The dosage depends on the degree of contamination, available nutrients, type of microbiological sediments, temperature and pH value. The dosage should be selected by a specialist.

The result of Ferroid® 8597 is available in the range of 20 minutes to 4 hours. Ferroid® 8597 is dosed without dilution. The product can be used for shock or permanent treatment.

ANALYTICAL CONTROL

The minimum recommended amount of free halogen residue is 0.25 ppm (as free chlorine).

ENVIRONMENTAL IMPACT

The product isn't volatile or combustible. Please read the safety data sheet.

SAFEGUARDS

Use biocides with caution. Please read the label and product information before use. Ferroid® 8597 is for industrial use only.

STORAGE

Ferroid® 8597 should be stored in a cool, dry and well ventilated room, away from fire sources and oxidants. Use dry, clean clothes and equipment when handling the product. Avoid dust and contact with eyes and skin. Use rubber gloves and safety goggles. The expiry date is indicated on the label.