



## **BIOBROM Q**

### **Description – Application:**

BIOBROM Q is a liquid, single feed, stabilized bromine biocide, used in combination with chlorination in order to give chlorine the power of chlorobromination.

With this procedure common chlorine becomes an extremely strong disinfectant, fungicide, algacide and/or slimicide for wastewater, commercial and industrial recirculating cooling water systems and industrial once-through cooling water systems, without any harmful environmental side effects.

BIOBROM Q is also used to control biofilm deposits in pumps, pipes, heat exchangers and filters associated with industrial water treatment systems.

### **Features:**

This powerful broad spectrum biocide effectively and quickly controls bacteria, algae and fungi through NaOBr action.

NaOBr is a powerful broad spectrum biocide recommended for disinfection of recirculating and once through cooling systems, food processing equipment (pasteurizers, sterilizers or retorts), air washers, and other industrial water systems.

BIOBROM Q is recommended for alkaline ( $7,5 < \text{pH} < 9,5$ ) and contaminated waters ( $\text{NH}_3$  and nitrogen), where chlorine is not giving efficient microbial control.

NaOBr remains active in alkaline waters ( $\text{pH}=7,5-9,5$ ) resulting in more efficient disinfections than when using chlorine based biocides.

BIOBROM Q suffers less from flash-off losses (compared to chlorine based biocides).

BIOBROM Q offers all of the advantages of bromine chemistry combined with the ease of dosing: there is no need for labor intensive and complex feed equipment, simple dosing pumps are sufficient.

### **Feeding:**

The product dosage rate will depend on the system design, water characteristics and operational parameters. In most of the application a residual 0.2-0.5 ppm of residual free available halogen is sufficient to keep control of the system. As a chlorination supplement BIOBROM Q should be dosed at 0,05 – 01 ppm.

### **Handling precautions:**

Wear suitable protective gloves and safety goggles. In case of contact immediately flush with plenty of water. After eye contact seek medical advice.

In case of spillage, absorb with sand or other absorbent material and sweep up. Then flush area with plenty of water (refer to M.S.D.S. for further instructions).

### **Storage requirements:**

Neat BIOBROM Q can be stored in HDPE, LDPE & PP containers. Do not store BIOBROM Q in iron, aluminum, brass, stainless steel, carbon steel or copper containers or in direct sunlight.

### **Packaging:**

BIOBROM Q is offered in 30-liter pails and 210-liter drums.