



RXSOL

CHEMO PHARMA INTERNATIONAL

Technical Data Sheet (TDS)

RXSOL-43-4009-025

BIOCIDE Bromocide 7615

BIOCIDE Bromocide 7615 is a **stabilized liquid oxidizing microbiocide** specifically designed for effective microbial control in **industrial water treatment systems**.

When dosed into water, the product hydrolyzes to form a fast-acting, broad-spectrum biocide. BIOCIDE BROMOCIDE exhibits superior penetration into microbial slime layers and biofilms compared to chlorine, ensuring rapid disinfection and long-lasting control of **bacteria, algae, fungi, and biofilm-forming organisms**.

Application

- Cooling towers & HVAC circuits – microbial & Legionella control
- Seawater injection systems (oilfields) – prevention of biofouling and microbiologically influenced corrosion (MIC)
- Desalination plants & RO pretreatment – biofilm reduction on membranes and heat exchangers
- Pulp & paper mills – slime and odor control in white water systems
- Power generation & petrochemical plants – effective control of cooling water microbial growth

Mode of Action

- In aqueous systems, the product hydrolyzes to hypobromous acid (HOBr), a rapid-acting oxidizing biocide.
- HOBr penetrates microbial cell walls, inactivates enzymes, and destroys biofilms.
- Remains effective in alkaline waters where chlorine loses activity.

Specification

Parameter	Specification
Appearance	Clear yellow liquid
pH (25 °C)	12.5 – 13.2
Density (25 °C)	1.20 – 1.24 g/mL
Odor	Slight chlorine / halogen
Solubility	Completely soluble in water

Features and Benefits

- High efficacy in alkaline water
- Rapid kill kinetics against bacteria, algae, fungi, and slime-forming organisms
- Biofilm penetration for long-term system cleanliness
- Lower halogenated by-products compared to chlorine disinfection
- Compatible with seawater systems where high chloride levels suppress chlorine activity
- Stabilized alkaline formulation for safe handling and extended shelf-life

This Safety Data Sheet is provided by RXSOL. For the most current version of this document, please visit eastindiachemicals.com. This document is prepared in accordance with GHS / OSHA HazCom standards. The information contained herein is believed to be accurate but does not purport to be all-inclusive. It is the responsibility of the user to determine the suitability of this information for their application.