

BROMACHOL- LIQUID BROMINE BIOCIDES FOR INDUSTRIAL WATER TREATMENT

TECHEMO
LAB



BROMACHOL biocide for controlling algae, bacteria, and slime in:

- Recirculating cooling water systems
- Paper mill influent systems
- Decorative fountains
- Air Washers
- biocides are recommended for use in the following cooling towers and other related water treatment applications:
- Recirculating cooling towers, flow through filters, and lagoons
- Heat exchange water systems
- Industrial water-scrubbing systems
- Industrial air-washing systems with efficient mist eliminators
- Once-through cooling towers and closed-cycle fresh and sea water cooling systems, cooling ponds, canals, and lagoons
- Air conditioner condensate

ADVANTAGES:

- Single-feed, pre-activated solution
- Enhanced stability over sodium hypochlorite bleach
- Effectiveness of bromine plus stability of non-oxidizing biocides
- Powerful biofilm removal properties
- Tolerates pH > 9

PHYSICAL PROPERTIES:

Appearance	-	Clear Orange Liquid
Activity (%Wt as Cl ₂)	-	6.5-6.7
Activity (%Wt as Br ₂)	-	13.9-14.9
Density 20°C (gm/ml)	-	1.27-1.32
P ^H 1% Solution	-	11.8-12.1



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HANDLING AND STORAGE At end use concentration, BROMACHOL is compatible with all commonly used materials of construction in cooling systems. For undiluted product, compatible materials include: high density polyethylene (HDPE), polypropylene, PVC, CPVC, PTFE (Teflon), Viton, Tygon tubing, chlorobutyl rubber, hypalon, titanium, Hastelloy C and Monel. Incompatible materials include: carbon steel, stainless steel, galvanized steel, copper, brass, aluminum, Buna-N-rubber, neoprene, silicone gaskets and nylon. Store in a cool, dry environment in the original container. Do not store in direct sunlight. Avoid freezing temperatures. Shelf life is greater than one year.

SHIPPING AND TRANSPORT OF BROMACHOL is available in 5, 10 Ltr pack sizes.

ANTIMICROBIAL SPECTRUM

BACTERIA

Pseudomonas Aero	Campylobacter Jejuni
Pseudomonas Specia	Flavobacterium Species
Enterobacter cloaceae	Yersinia Enterolitica
Proteus Vulgaris	Clostridium Sporogenus
Klebsiella Pneumoniae	Clostridium Dificile
Salmonella Typhi	Fusobacterium Nucleatum
Salmonella Enteritidis	Bacillus Subtillis
Salmonella Gallinarum	Bacillus Circulans
Salmonella Typhimorium	Bacillus Magatarium
Salmonella Cholearaesuis	Bacillus Cereus
Salmonella Typhosa	Bifedibectar Liberium
Corynebacterium Nucleatum	Staphylococcus Aureus
Sarcinae Lutae	Staphylococcus Epidermia
Streptococcus Pyrogenes	Streptococcus Faecalis
Strep1,2,3	Mycobacteroi Bovis
Mycobacterium Smegmatis	Mycobacterium Kansaai



FUNGI

Candida Albicans	Trichophyton Rubrum
Scopulariosis Species	Aspergillus Niger
Trichophyton Mentagrophytes	Aspergillus Flavus
Mucor Species	Fusarium Specie
Saahromyces Cerevisiae	Fonsecaea Pedrosoi

VIRUS

Herpes Virus I	Poliovirus
Herpes Virus II	Encephalomyocerditis(EMS)
Adenovirus Echovirus	Vaccina Virus
Coxsackievirus	Vesicular Stomatitid Virus(VSV)
Influenza	Para Influenza
Feline Parvovirus	Bluetongue Virus
Mouse Flu	Mouse Hepatitis Virus(MHV)
Minut Virus of Mice(MVM)	Mouse Encephalomyelitis Virus
New Castle Disease Virus	Mouse Polio Virus(MEV)
Iridovirus	Pertiviries-Togaviridae

