



## BROMMAX<sup>®</sup> 10.2

The world's most concentrated liquid bromine biocide.

EPA Number: 63838-3

### Properties

BromMax<sup>®</sup> 10.2 is a patented (US patent #7,045,153), EPA-registered single-feed stabilized liquid bromine biocide based on active ingredients of sodium bromide and sodium hypochlorite.

BromMax<sup>®</sup> has the following features and benefits:

- Single-feed, pre-activated solution
- Easy to handle and feed
- Enhanced stability over sodium hypochlorite bleach
- Effectiveness of bromine plus the stability of non-oxidizing biocides
- Powerful biofilm removal properties
- Compatible with common scale and corrosion inhibitors

### Applications

BromMax<sup>®</sup> 10.2 is the world's most concentrated liquid bromine biocide used for control of bacterial, algal and fungal slime in industrial and commercial recirculating cooling water systems. BromMax<sup>®</sup> 10.2 can also be used to control bacterial, algal and fungal slime in decorative fountains; air washers; papermill process waters and influent systems; and food, beverage and industrial pasteurizers.

### Physical Properties

Color	Clear, orange
Scent	Mild, sweet
Density (20 °C)	1.42-1.46 g/mL (11.9-12.2 lbs/gal)
pH (1%)	12-13
Activity	10-10.2% as Cl <sub>2</sub> (23% as Br <sub>2</sub> )
Crystallization point	45 °F
Shelf-life	1 year
Solubility in water	Complete

### Compatibility

At end use concentration, BromMax<sup>®</sup> 10.2 is compatible with all commonly used materials of construction used 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, nylon and Plasite 4300.

<b>DOT</b>	Proper shipping name: Corrosive liquid, n.o.s. (bromide salts)
<b>Description</b>	Hazard class: 8 UN number: UN 1760 Label/placard: Corrosive Packing group: III
<b>Handling</b>	Wear chemically resistant gloves and eye protection when handling, moving or using this product
<b>Storage</b>	Store in a cool, dry environment in the original container. Do not store in direct sunlight. Avoid freezing temperatures. Do not store at temperatures below 45 °F. Below this temperature crystallization can occur. Warm product up to room temperature and mix to dissolve the crystals. Or, alternatively, add about 30% water and mix until dissolved.

**Important:** Read and understand label and Safety Data Sheet (SDS) for complete listing of hazards, precautions, first aid statements, and storage and handling information. SDS are available from the distributor of this product. 24-Hour Emergency Response Line 1-800-424-9300.

Prod. #25

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