

BromMax™ 7.1

CONCENTRATED LIQUID BROMINE BIOCIDES

Description: BromMax 7.1 is a patented single-feed stabilized liquid bromine biocide based on active ingredients of sodium bromide and sodium hypochlorite. BromMax 7.1 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

Application: BromMax 7.1 is made from 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 7.1 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.

Properties:	Activity:	7.1% as Cl ₂ (16% as Br ₂)
	Appearance:	Clear, orange liquid
	Odor:	Mild, sweet
	pH (1% solution)	12
	Specific gravity	1.29-1.35
	Density (lb/gallon)	10.7-11.2
	Freezing point (°F)	25
	Shelf life	> 1 year
	Solubility in water	Complete

Toxicity:	Acute dermal LD₅₀	> 2000 mg/kg body weight in rats
	Acute oral LD₅₀	> 5000 mg/kg body weight in rats

Compatibility: At end use concentration, BromMax 7.1 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.

DOT:	Proper shipping name:	Compound, Cleaning Liquid (bromide salts)
Description:	Hazard class:	8
	UN number:	NA 1760*
	Label/placard:	Corrosive
	Packing group:	III
	*changes to Corrosive Liquid, n.o.s., UN 1760 on 1-1-07	
Handling:	Wear chemically resistant gloves and eye protection when handling, moving or using this product	
Storage:	Store in a cool, dry environment in the original container. Do not store in direct sunlight. Avoid freezing temperatures.	