



BIOBROM C-103[®]L

2,2-DIBROMO-3-NITRILOPROPIONAMIDE (DBNPA)

CAS No. 10222-01-2

C₃H₂ON₂Br₂- MW 241.84 - Br,66%

USE	BIOBROM C-103 [®] L is a 20% active proprietary end use formulation of DBNPA. It is used to control microbial, fungal and algal growth in industrial water systems such as cooling towers, evaporative condensers, pulp and papermill effluents, oil-recovery systems, metal-cutting coolants, air-conditioning systems (effective against Legionella). In the US, it is also approved for use in industrial preservation applications, and in disinfection of POTW (Publicly Owned Treatment Works) effluents.
APPEARANCE	Colorless to amber liquid.
TYPICAL VALUES	Solvents, %..... 80 Density, g/cc.....1.19 Decomposition Temperature, °C..... >70°C
SOLUBILITY	Soluble in water
FLAMMABILITY AND EXPLOSIVITY	BIOBROM C-103 [®] L is non-flammable and non-explosive. In case of fire, it will start decomposing at about 70°C and release irritating, toxic fumes.
REACTIVITY	BIOBROM C-103 [®] L is deactivated by sulfur-containing nucleophiles
TOXICITY	BIOBROM C-103 [®] L is corrosive to the eyes, harmful if swallowed, inhaled or absorbed through the skin.
STABILITY	It is stable in ambient conditions, but is sensitive to heat and light. At pH>9, BIOBROM C-103 [®] L readily decomposes.
STORAGE AND HANDLING	Store in the original, tightly-closed containers, in dry, dark and cool areas and away from energy sources.
PACKAGING	BIOBROM C-103 [®] L is marketed in 3000 gallon minimum bulk, 500 pound net polyethylene drums, customer supplied bins and 30, 15 and 5 gallon plastic containers.

For help with safety or health emergencies involving Clearon products contact Clearon Corp. at 304-746-3000. For transportation emergencies contact CHEMTREC at 1-800-424-9300.

For toxicity data, health and safety instructions and transportation details refer to the Material Safety Data Sheet, available upon request.