



Items	Specifications
Form	Liquid
Colore	Clear amber
PH value	3-5
Specific gravity (20°) g/cm ³ ≥	1.00-1.20
Composition	DBNPA
Solubility in water	Completely

General Specifications

BC-555 is a fast acting, non-oxidizing biocide based on DBNPA (Dibromo nitrilo propionamide). This formulation has almost instantaneous antimicrobial activity combined with rapid chemical breakdown resulting in one of the most cost-effective methods of contamination elimination.

Key Features and Benefits

- Instantaneous antimicrobial activity as a non-oxidizing slimicide/bactericide.
- Certified by the Environmental Protection Agency (EPA) for use in reverse osmosis
- Kills bacteria, fungi, and algae
- Reduced frequency of membrane cleaning
- Compatible with all types of membranes
- Exclusively for use in nonpotable applications.

Application and Dosage

There are two options for applying **BC-555** in reverse osmosis applications:

1- Intermittent Online feed for "shock treatment" control:

This procedure allows biocide use only as needed to control fouling. The dose level and frequency should be optimized to match the bacteriological challenge of the feed water. An initial dose of 50-150mg/l for one or two hours per week is a typical start point for optimization

2- RO membrane cleaner:

BC-555 is normally applied as the first stage of cleaning using solutions of 50-200 mg/l depending on the degree of fouling. The solution is circulated through the membranes for 1-3hours. As **BC-555** is a fast acting biocide the biocide is best added in batches of 50mg/l four times during the circulation period

Packing

BC-555 is available in 200 kgs HDPE jars and barrels.

Head office: Unit 703, No.33, Akbari St., 22 Bahman St., Ashrafi Esfahani Highway,
Tehran – Iran

Tel: 44499801, 44499802 Tel/Fax: 44627987

Website: www.k-naft.com Email: info@k-naft.com