

PERFORMANCE BENEFITS:

- Instantaneous antimicrobial activity as a non-oxidizing slimicide and bactericide.
- Powerful against bacteria, fungi and algae.
- Degrades rapidly to comply with strict environmental discharge regulations.
- Suitable for use with polyamide and cellulose acetate membranes from all major manufacturers.
- Compatible with other Avista cleaners.

RoCide® DB5 liquid is a fast-acting, non-oxidizing biocide that degrades naturally and rapidly, making it a cost-effective method of eliminating contamination in compliance with strict discharge regulations.

This formulation is based on a 5% solution of the active ingredient dibromo nitrilopropionamide (DBNPA). It's almost instantaneous antimicrobial activity combined with its rapid chemical breakdown make it the chemical of choice for smaller membrane systems, where dosing the more concentrated RoCide DB20 liquid may not be practical.

INSTRUCTIONS FOR USE

There are two options for applying RoCide DB5 in reverse osmosis (RO) applications.

1. As an intermittent on-line feed for "shock treatment" control.

With this option, the biocide is used only as needed to control fouling. The dose rate and frequency should be optimized to match the bacteriological challenge of the feedwater. An initial dose of 200 mg/l for one hour per week is a typical starting point for optimization. For potable applications, refer to local regulations.

2. As an RO membrane cleaner.

RoCide DB5 is normally applied as the first stage of cleaning using solutions of 200-800 mg/l, depending on the degree of fouling. The solution is circulated through the membranes for 1-3 hours. Because RoCide DB5 is a fast-acting biocide, it is best added in batches of 200 mg/l four times during the circulation period.

PRODUCT INFORMATION

Packaging and Storage

Standard regional pack sizes are listed below. Information on drumless or bulk tanker delivery is available on request. Use product as supplied, do not dilute in storage tank.

SPECIFICATIONS

Appearance: Clear yellow liquid
pH (as supplied): 1.5-5.0
Specific gravity (@20°C): 1.1-1.2

PACKAGING FORMAT	AMERICAS/ASIA	EMEA
Pail	-	20 kg
Drum	-	200 kg
IBC tote	-	1090 kg

Please consult your sales representative for further technical or logistical details and always review the SDS before use to ensure suitable safety precautions are followed.

CORPORATE OFFICES

Avista Technologies, Inc.

Avista Technologies (UK) Ltd