

PERFORMANCE BENEFITS:

- Broad spectrum biocide that kills bacteria, fungi and algae.
- Certified by the U.S. Environmental Protection Agency for use in RO systems.
- Degrades rapidly and naturally to comply with strict environmental discharge regulations.
- Compatible with polyamide and cellulose acetate membranes.
- Can be used with other applicable Avista chemicals.

RoCide® IS2 liquid is a broad spectrum, non-oxidizing biocide intended for continuous injection and specifically formulated for reverse osmosis (RO) feedwaters. It is based on a 1.5% isothiazolin mixture. This slow-acting biocide is powerful against microbiological contaminants commonly found in RO applications including bacteria, fungi and algae.

RoCide IS2 is designed to be fed continuously to RO system feedwaters and may be used alone or in conjunction with RoCide DB20. Alternatively, RoCide IS2 can be applied intermittently and is also highly effective as a preservative.

INSTRUCTIONS FOR USE

Continuous Injection

For continuous dosing, RoCide IS2 should be injected into the RO feedstream at an initial dose of 15 mg/l. This dosage should be continued for 1-2 weeks. After this period, bacterial counts in the feed and concentrate streams may be used to determine when the dosage can be reduced, typically to 5 mg/l or less.

Microbiological control is generally achieved when the concentrate bacteria counts fall below those found in the feedstream (taking the concentration factor into account).

Intermittent Injection

RoCide IS2 can be applied intermittently at 50-100 mg/l for 4-6 hours per week. It is also highly effective for membrane preservation with the above dose controlling biological growth in off-line trains for extended periods.

PRODUCT INFORMATION

Packaging and Storage

Standard regional pack sizes are listed below. Information on drumless or bulk tanker delivery is available on request.

SPECIFICATIONS

Appearance: Clear, pale green liquid
pH (as supplied): 1.5-5.0
Specific gravity (@25°C): 1.0-1.1

PACKAGING FORMAT	AMERICAS/ ASIA	EMEA
Pail	40 lb	25 kg
Drum	475 lb	200 kg
IBC tote	2200 lb	1000 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.

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