

Performance:

RoCide[®] IS2 offers a variety of performance benefits:

- Broad-spectrum biocide that kills bacteria, fungi, and algae.
- Compatible with polyamide and cellulose acetate membranes.
- Degrades rapidly and naturally to comply with strict environmental discharge regulations.
- Can be used in conjunction with other applicable Avista Technologies chemicals.

RoCide[®] IS2 is an extremely effective, non-oxidizing biocide based on a 1.5% isothiazolin mixture. It is a broad-spectrum formulation for use against microbiological contaminants commonly found in RO applications including bacteria, fungi, and algae.

RoCide[®] IS2 is designed to be fed continuously to the reverse osmosis system feedwater and may be used alone or in conjunction with another Avista biocide; RoCide[®] DB-20.

Alternatively, RoCide[®] IS2 can be applied intermittently and it is also highly effective as a preservative.

This chemical is formulated specifically for RO systems and is to be used in non-potable applications only.

Use Instructions:

For continuous dosing, RoCide[®] IS2 should be injected into the RO feedstream at an initial dose of 15 ppm. This dosage should be continued for one to two 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 ppm 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).

Alternatively, RoCide IS2 can be applied intermittently at 50-100ppm for 4-6 hours per week. It is also highly effective for train preservation with the above dose controlling biological growth in offline trains for extended periods.

Packaging and Storage:

Standard regional pack sizes are listed below. Custom packaging can be provided worldwide to meet customer needs. Information on drumless or bulk tanker delivery is available on request.

Specifications	
Appearance:	Pale, blue green liquid
pH (as supplied):	1.5 – 3.0
Specific Gravity@20°C:	1.05±0.05

Packaging Formats	Americas	EMEA
Pails	45 lbs	25 kg
Drums	475 lbs	200 kg
IBC's (totes)	2200 lbs	1000 kg

08/10

