BIOCIDE

Kuriverter™ IK-110

Slime control agent for membrane systems

APPLICATIONS

Kuriverter™ IK-110 is a liquid combination product based on stabilized chlorine compounds which will not deteriorate polyamide membranes. Developed specifically for membrane systems, Kuriverter IK-110 is a highly effective slime control agent showing excellent biofilm removal in reverse osmosis systems. In membrane systems, microbiological growth leads to biofilm forming on the membrane surfaces, which may cause a blocking of the membrane modules. Kuriverter IK-110 has dosages effect on bacteria, algae and fungi growth due to its dispresive effect. Kuriverter IK-110 is effective in slime removal and its dispersing effect. Kuriverter IK-110 is NSF approved in many countries and EPA registered in all US states.

DOSING

Kuriverter IK-110 is applied to RO systems by using a metering pump directly into the feedwater. The dosage is depended on the operation condition of the system and should be selected with the help of your sales or technical.

The general product concentration range in the supply water is between 5 to 20 ppm. Kuriverter IK-110 should be added undiluted.

Kuriverter IK-110 can be used as continous injection or intermittent treatment. Kuriverter IK-110 can also be used before some pretreatment such as multimedia filtration and cartridge filters to prevent biofouling upstream.

CHEMICAL AND PHYSICAL PROPERTIES

Kuriverter IK-110 is a liquid combination based on stabilized chlorine.

CHARACTERISTICS	DATA
Appearance	Clear, colorless to pale yellow liquid
pH (as supplied)	>12.5
Specific Gravity (@20°C)	1.28 - 1.38

Always read the label and product information before use.

PERFORMANCE BENEFITS

- Reduces differential pressure across the membrane
- Reduces pumping energy requirement
- Restores and maintains permeate flow
- Reduces CIP cleaning frequency
- Reduces total cost of operation

PACKAGING AND STORAGE

Store the product in a dry, cool and ventilated place, in the original package. Protect it from direct sunlight and heat. The product quality requires storage between 5 to 25 °C (25 to 77°F). Keep container tightly closed when not in use. Do not use the empty containers for drinking water supply.

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.

AMERICAS
Avista I Center of Excellence
Avista Technologies, Inc.
140 Bosstick Boulevard
San Marcos, California 92069
info@avistatech.com
☎ +1 760 744 0536

EUROPE, MIDDLE EAST AND AFRICA
Avista I Centre of Excellence
Kurita UK Ltd
13 Nasmyth Square, Houstoun Industrial Estate
Livingston, EH54 5GG United Kingdom
info@avistatech.co.uk
☎ +44 131 449 6677

www.avistatech.com

ASIA
Avista Technologies Singapore, Pte Ltd.
Sales Office Mailing:
Blk 267A Compaasvale Link, #16-75
Singapore 54 1267
info@avistatech.sg
☎ +65 9729 4536

The information contained herein reflects our current level of technical knowledge and experience. It does not constitute a legal warranty of particular characteristics or of fitness for a specific purpose and, due to the abundance of possible influences, does not exempt the user from making its own examinations and taking appropriate precautionary measures. It shall be the responsibility of the recipient of our products to respect any intellectual property rights and comply with any laws or other provisions.
© 2020 Kurita Water Industries. (202005)