

BIO GUARD

BIOCIDES AND BIODISPERSANTS

The **BIO GUARD** range incorporates biodispersants and broad spectrum biocides for disinfection and microbial control in water processing systems. The BIO GUARD products are recommended for used in:

- Nanofiltration membrane systems.
- Re-circulated and reversible electro dialysis (RED).
- Brine treatment cooling towers and closed circuits.
- Reverse Osmosis filtration systems.
- Cooling towers.
- Closed circuits.

BIOCIDES:

PRODUCT	DESCRIPTION	APPLICATION
BIO GUARD RW	Isothiazolinones biocide.	Broad spectrum microbiocide. Analytical kit: cmi detect.
BIO GUARD TC 3	Isothiazolinones biocide.	Broad spectrum microbiocide. Analytical kit: cmi detect.
BIO GUARD IP	Isothiazolinones biocide.	Broad spectrum microbiocide. Analytical kit: cmi detect.
BIO GUARD K 3	Biocide for maintenance based CMIT/MIT.	
BIO GUARD IB 200	Blend of Isothiazolinones and bronopol	Broad spectrum microbiocide. Analytical kit: cmi detect.
BIO GUARD XM	Based on azoles solution.	Broad spectrum microbiocide. Appropriate for closed cooling circuits. Analysis-detection kit
BIO GUARD PG 25	Blend of Isothiazolinones and glutaraldehyde biocide.	Effective against slime forming, aerobic and anaerobic bacteria. Appropriate for closed cooling circuits. Analysis-detection kit
BIO GUARD IQ 18	Isothiazolinones and polymeric quaternary ammonium biocide.	Broad spectrum microbiocide and good algaecide. Analytical kit: cmi detect.
BIO GUARD C103L	Biocide based on DBNPA.	Fast action biocide, although hydrolyses quickly in water
BIO GUARD TP 30	Mixture of quaternary ammonium compound	Bactericide and algaecide.
BIO GUARD LB 5	Stabilized bromine liquid biocide	Excellent biocide at high pH cooling water and in presence of organic or process contamination where chlorine do not work properly. Analytical kit: colorimetric by DPD
BIO GUARD B 40	Sodium bromide solution	Biocide activated by hypochlorite.

BIODISPERSANTS:

PRODUCT	DESCRIPTION	APPLICATION
BIO GUARD DIS 42	Blend of surfactants and non-ionic compounds	Disperses oil, grease and organic matter.
BIO GUARD DIS 37	Blend of surfactants and non-ionic compounds	Biodispersant and biocide enhancer. Disperses and removes biofilms and organic matter from surfaces.
BIO GUARD DIS 39	Blend of surfactants and non-ionic compounds	Biodispersant and biocide enhancer for small cooling systems. Disperses and removes biofilms and organic matter from surfaces.

All products delivered in pails of 25-30 kg and in 200-250 kg drums. Can be delivered in IBC on request.

Norlex Chemicals can supply test kits for ongoing control of the cooling system.