

#### THE NATIONAL COLLOID COMPANY

906 Adams Street Steubenville, OH 43952 (740) 282-1171

www.natcoll.com

# Stock Product Line **Biocides**

Product	Ingredient(s)	Description
1.5% isothiazoline	1.5% methyl-chloro isothiazoline	This product controls a wide variety of algae, bacteria, and fungi found in industrial water systems. It is a broad spectrum product.
AQUCAR™ 504	4% Glutaraldehyde	A 4% aqueous solution of glutaraldehyde. It is especially effective in controlling slime-forming bacteria, sulfate-reducing bacteria, and algae in water cooling towers, air washers, pasteurizers, and other recirculating water systems.
AQUCAR™ 742	Glutaraldehyde/quaternary ammonium	This product is widely used in a variety of oil and gas operations as well as water treatment systems.
Bellacide 300	5% TTPC/Polyquat Blend	Competitive, capable, and compatible biocide for oil and gas applications.
Bellacide 301	5% TTPC/Polyquat Blend	Highly effective, synergistic biocide and biodispersant. Provided bactericidal and algaecidal properties in cooling water and industrial process water.
Bellacide 325	4% aqueous dispersion of terbuthylazine (TBZ)	A highly effective specialized algaecide for use in industrial cooling and ornamental water systems.
Bellacide 355	5% active tributyl tetradecyl phosphonium chloride (TTPC)	Bellacide 355 is a concentrated 5% active non-oxidizing biocide containing tributyl tetradecyl phosphonium chloride (TTPC) which eliminates SRB and APB effectively, controls and helps eliminate biofilm, and is very safe to handle.
BioSide HS 15%	15% peracetic acid and 22.5% peroxide	Broad spectrum oxidizing biocide, pH range as high as 9.5. Controls slime and bio-fouling. No limitations on discharge do to half-life or halogen concerns.
BromMax®	Stabilized bromine, 10.2% active	The world's most concentrated liquid stabilized bromine biocide used for control of bacterial, algal, and fungal slime in industrial and commercial recirculating cooling water systems.
BromMax® 7.1	Stabilized bromine, 7.1% active	Liquid stabilized bromine biocide used for control of bacterial, algal, and fungal slime in industrial and commercial recirculating cooling water systems.
CDB-56	Granular Sodium dichloro-s-triazinetrione dihydrate, 56% available chlorine	Isocyanurate-stabilized, dry source of chlorine, 56% available chlorine, (granular).
CDB-90	100% Sodium trichloro-S-triazinetrione (3 inch tablets)	Isocyanurate-stabiliized, dry source of chlorine (90% available chlorine)
DBNPA, 5%	5% 2,2-Dibromo-3-nitrilopropionamide	Quick kill non-oxidizing biocide used to control microbial, fungal, and algal growth in industrial water systems (effective against Legionella).
DBNPA, 20%	20% 2,2-Dibromo-3-nitrilopropionamide	Quick kill non-oxidizing biocide used to control microbial, fungal, and algal growth in industrial water systems (effective against Legionella). Short half-life.
Dimet 1250	12.5% Potassium dimethyldithiocarbamate	Used to control algae, sulfate reducing bacteria, slime forming bacteria, and slime forming fungi in cooling towers, air washing systems, water purification systems, and petroleum secondary recovery water flooding operations.
Glut/Quat 14:2.5	14% glutaraldehyde with quaternary ammonium compound	An aqueous blend of glutaraldehyde and quaternary ammonium. Effective in controlling slime-forming bacteria, sulfate reducing bacteria and algae in water cooling towers, air washers, pasteurizers, and other recirculating water systems.



### **Biocides**

#### (continued)

Product	Ingredient(s)	Description
Glutaraldehyde, 15%	15% Glutaraldehyde	A 15% aqueous solution of glutaraldehyde. It is especially effective in controlling slime-forming bacteria, sulfate-reducing bacteria, and algae in water cooling towers, air washers, pasteurizers, and other recirculating water systems.
Glutaraldehyde, 25%	25% Glutaraldehyde	A 25% aqueous solution of glutaraldehyde. It is especially effective in oilfield applications.
Glutaraldehyde, 45%	45% Glutaraldehyde	A 45% aqueous solution of glutaraldehyde. It is especially effective in controlling slime forming bacteria, sulfate-reducing bacteria, and algae in water cooling towers, air washers, pasteurizers, and other recirculating water systems.
K-BROM 40	40% NaBr. Use with OCl. (2 parts 150 to 1 part 152)	Broad spectrum biocide for control of algal, bacterial, and fungal slimes in water systems.
K-BROM T	98% bromochloro-5,5- dimethylhydantion	A broad spectrum biocide for control of algal, bacterial, and fungal slimes in industrial water systems, effective over a wide pH range (6-10). (available in granular form)
Perasan® A	5.6% peracetic acid and 26.5% peroxide	Perasan A contains 5.6% peroxyacetic acid and 26.5% hydrogen peroxide, with a small amount of acetic acid. Perasan A pairs highly effective antimicrobial properties with a very favorable environmental profile. It is non- corrosive to stainless steel, and has no harmful disinfection byproducts.D1
ROCIMA™ 586	Isothiazoline/Bronopol	A VOC-free, broad spectrum preservative for water-based household and industrial products and raw materials, offering enhanced stabilization of the CMIT component and clearances with the FDA and BfR.
Sodium hypochlorite	12.5% sodium hypochlorite	Commonly known as 'bleach', sodium hypochlorite has broad spectrum use in cooling water as a disinfectant, germicide, algaecide, and anti-slime agent.
TOLCIDE® PS 20A	THPS	A rapid acting, broad spectrum, non-foaming, wide application pH (3-11.5) range, multipurpose biocide, plus Iron sulfide (FeS) dissolution, enhanced separation.
Towerbrom® 90M	92% Sodium trichloro-S-triazinetrione and 7% NaBr (3-inch tablets)	Easy to handle tablet. Designed for continuous feed to recirculating systems.
Towerchlor® 56	Granular Sodium dichloro-s- triazinetrione dihydrate, 56% available chlorine	Quick dissolving Towerchlor 56 Granules are ideal for shock feeding. Dispensed by hand, Towerchlor 56 Granules almost immediately dissolve for quick release of its active halogen. Solutions are nearly pH neutral, so it has virtually no effect on the cooling water pH.
Towerchlor® 60	89% Sodium dichloro-S-triazinetrione and 7% NaBr	Solid, safe, easy to handle granular oxidizing biocide for once- through and recirculating systems.
Towerchlor® 90	100%Trichloro-s-triazinetrione	Isocyanurate-stabiliized, dry source of chlorine (90% available chlorine)
Ultra-Kleen Solution #1	6% quaternary ammonium, 6% peroxide	Penetrates and removes biofilm and other organic contaminants. Is categorized as a bactericide and slimicide.
WSCP 1500	15% Poly(oxyethylene- (dimethyliminio) ethylene- (dimethyliminio)ethylene dichloride)	Used to control algae, slime forming bacteria, and slime forming fungi in cooling towers, air washing systems, and decorative fountains.



## **Biodispersants**

Product	Class	Description
NC CA-76	Biodispersant	Nonionic surfactant, dispersant, defoamer blend
NC CA-77	Biodispersant	Nonionic surfactant solution
NC CA-78	Biodispersant	Nonionic surfactant and cationic surfactant blend
DTEA II™	Biodispersant	Organic deposit penetrant, dispersant, remover, and corrosion inhibitor

