

IONAC[®] BIOCID[®]E

FORMULA 1825

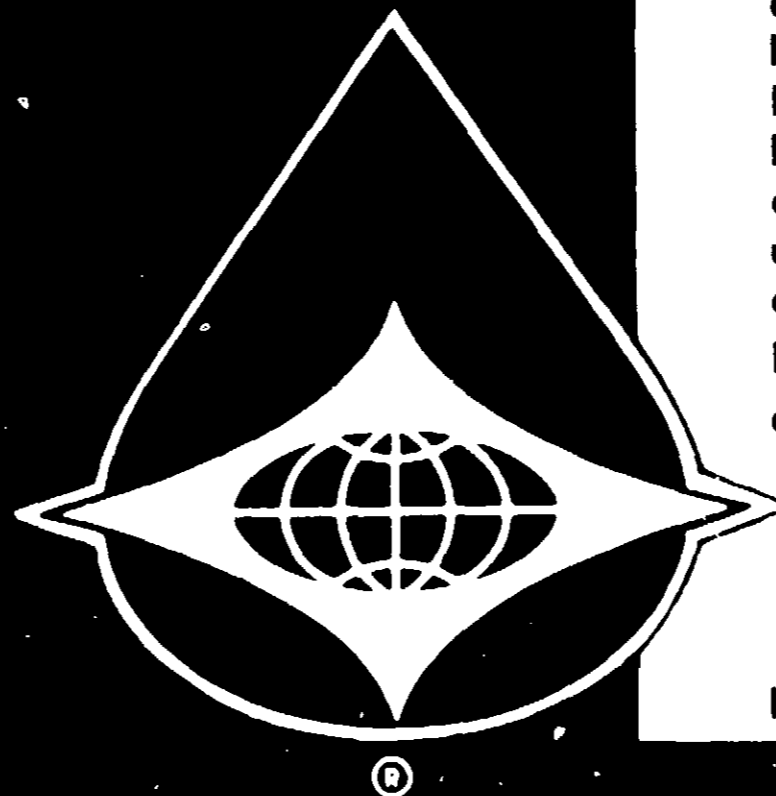
DIRECTIONS FOR USE IN COOLING TOWERS:

INITIAL DOSE: 13.5 lb. (1.62 gal.) Ionac Biocide 1825 per 1000 gallons water in the system. (Shock treatment)

MAINTENANCE DOSE:

1. CONTINUOUS FEED (generally for open systems) 1-1.5 lbs. (1-1.5 pints) per 1000 gallons of makeup for losses due to windage and blowdown to maintain about 150-200 ppm. in the system.
2. INTERMITTENT SHOT FEED (generally for closed systems) 1-1.5 lbs. (1-1.5 pints) per 1000 gallons water in the systems every 3 or 4 days or as needed.

ALL QUANTITIES REFER TO BIOCID[®]E 1825. When Ionac Biocide 1825 is used as directed it will control the growth of algae and bacterial slime commonly found in cooling towers.



WARNING

KEEP OUT OF REACH OF CHILDREN

Causes skin irritation. Avoid breathing spray mist. Do not get in eyes, on skin or on clothing. May be absorbed through skin. In case of contact, wash at once with plenty of soap and warm water. Remove contacted clothing. Wash clothing before reuse. If irritation persists, get medical attention. Harmful if swallowed. Do not take internally. IONAC BIOCID[®]E 1825 is not a foodstuff and should not come in contact with food. Avoid storage near food and feed products. In case of swallowing or continued irritation after contact with skin, call a physician.

INGREDIENTS:

a. ACTIVE:	N-alkyl (60% C ₁₄ , 30% C ₁₆ , 5% C ₁₂ , 5% C ₁₈) dimethyl benzyl ammonium chlorides	5.75%
	Bis(tri-n-butyltin) oxide (Tin as metallic 0.47%)	1.18%
b. INACTIVE:		93.07%

IONAC CHEMICAL COMPANY, a division of Ritter Pfaudler Corporation, Birmingham, New Jersey 08011

TOTAL WT

LOT NO.

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INGREDIENTS

a ACTIVE:	Alkyl (60% C ₁₄ 30% C ₁₆ 5% C ₁₂ 5% C ₁₈) dimethyl benzyl ammonium chlorides	5.75
	Bis(tri-n-butyltin) oxide (Tin as metallic 0.47%)	1.18%
b INACTIVE:		93.07%

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IONaC

CHEMICAL COMPANY
a division of PFAUDLER PERMUTIT INC.
BIRMINGHAM, NEW JERSEY - 08011
TELEPHONE 609-894-8211

PRODUCT INFORMATION BULLETIN

C7-124

IONAC FORMULA NO. 1125

Biocide

General Description

Ionic Biocide, Formula No. 1125 is an aqueous mixture of a quaternary chloride and a neutral tin complex compound developed specifically to control the growth of algae and bacterial slime commonly found in cooling towers.

Advantages

1. Compatible with other cooling water treatment chemicals -- doesn't interfere with scale and corrosion control treatments.
2. Easily Fed -- requires no special feeding equipment, can be easily drip fed.
3. Economical -- is very effective in low concentrations.
4. Low-foaming -- contains an anti-foaming agent that prevents foaming of the biocide even when used in excess.
5. Lasting Protection -- Ionic No. 1125 does not deteriorate; maintains its biocidal effect as long as it is in the system.

Technical Information

Ionic Biocide No. 1125 is an emulsion of a quaternary chloride compound and a neutral tin complex based material containing both an emulsifier and stabilizer and jet nozzles.

Application

Due to the variation of cooling water systems, the dosage required to inhibit microbial slime growth must be determined for each installation.

For all cooling systems that are not under treatment, 1.6 lbs. (1.6 gal.) of Ionic Biocide No. 1125 should be added per 1000 gallons of water in the system. Once under treatment may be either continuous or "shot" feed.