



ANGLO GULF LIMITED

انجلو الخليج المحدودة

TECHNICAL DATA SHEET

AQUA AG-358

BIOCIDE

PRODUCT DESCRIPTION

AquaAG-358 is a concentrated Non-oxidizing organic biocide based on organo-bromine group and other non-oxidizing molecules based broad spectrum biocide for control of severe fouled cooling water systems.

ADVANTAGES

AquaAG-358 can be considered as an oxidizer, since bromine content it oxidizes bacterial substrate. It functions in conjunction with chlorine. **AquaAG-358** is suitable for once through cooling systems, because of its fast acting biocide action (contact time often less than 1 hour)

APPLICATIONS

AquaAG-358 is not particularly effective against algae. The half life of **AquaAG-358** decreases rapidly with increasing pH and temperature. This product is benefit where strict discharge regulations are there. And reasonably good bactericide can be applied over a wide range of pH (optimum 6.5 to 8.5).

DOSAGE

Dosage in cooling water treatment programs 20 to 40 ppm for **effective** control of biocide activity, for cooling waters.

METHOD OF FEEDING

AquaAG-358 can be fed as received or diluted with water minimum 10% concentration with any chemical feed solution. The chemical should be added to cooling tower basin (or any other point, which provides uniform mixing) addition should be made to metering pump to minimize handling.

FEED REQUIREMENTS

Badly fouled systems must be cleaned before treatment to start.

INITIAL DOSE - When the system is noticeably fouled, slug feed 25 to 50 ppm of **AquaAG-358** in the system.

SUBSEQUENT DOSE - When the Microbial count is evident, slug feed 20 to 40 ppm of **AquaAG-358**.

CONTROL TESTING

The best indication of the successful application of **AquaAG-358** is visual inspection of tower surfaces or monitoring changes in heat transfer on metal surface of process equipment. Uses of on-site bacterial counts or microscopic examination provide relative indicators of system cleanliness



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and biological control. If bacteria counts are used, note that counts may be high immediately after biocide addition. Counts will be lower as control is achieved.

PACKAGING

AquaAG-358 is available in 30 kg & 200 kg HDPE drums.

THE PRODUCT SHOULD BE KEPT OUT OF DIRECT SUNLIGHT AS IT IS PHOTODEGRADABLE

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