

ASHAION - 681

NON-OXIDIZING BIOCIDES

DESCRIPTION AND USE

ASHAION - 681 is a broad spectrum non-oxidizing biocide for industrial cooling water system. The product has a surface active property and acts as an excellent biocide to control aerobic and anaerobic micro organisms generally encountered in open evaporative cooling water system. The product is based on carbamate compound and is biodegradable at use levels. It does not pose any environmental problem under use conditions. The product has excellent control effects over a wide range of pH.

GENERAL SPECIFICATIONS

Appearance	: Pale yellow to orange liquid
Wt/ml.	: 0.9 - 1.0
pH	: 6.0 to 9.0
Odour	: Characteristic

APPLICATION AND DOSAGE

The product is to be dosed neat in cooling tower sump at a point where thorough mixing is ensured. While dosing the product care should be taken to close minimise water losses through tower to give maximum contact time of about 10 - 12 hrs. for best effects, it is always beneficial to give blow down after this contact time to remove dead biomass from the system.

Its dose level will vary between 50 - 150 ppm. Effective dosage varies with system demand. Badly fouled systems will need higher dosage and or pre-cleaning. **Asha Resins** representative will help you in selecting optimum dosage and frequency of usage. The product is not recommended in potable water system.

FEEDING

ASHAION - 681 can be directly fed from the container into the basin of the cooling water system or at any other point where good mixing can be assured, No special feeding equipment is required.

HANDLING

ASHAION - 681 may cause skin and eye irritation. It is harmful if taken internally. In case of contact, flush the affected area with plenty of water. In case of prolonged contact, flush with plenty of water and get prompt medical attention. In case of ingestion, induce vomiting by administering warm flat water or any other emetic and get medical attention. Contaminated clothing should be thoroughly washed before reuse. Use of protective rubber gloves is recommended during handling of ASHAION - 681.

ENVIRONMENTAL SAFETY

ASHAION - 681 is toxic to fish. Do not use in potable water systems or where contamination of potable water may occur.

In cooling water system, ASHAION - 681 is slowly hydrolysed to non-toxic products. Most of these products are volatile and are stripped off from the system, thus posing no effluent problems.

PACKING

ASHAION - 681 is packed in 35/50 kgs. HDPE carboys.

Asha Resins Pvt. Ltd.

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