

MAXQUAT[®] - 50

MILL SANITATION BIOCIDES

DESCRIPTION

MAXQUAT - 50 is a unique blend of quaternary ammonium compounds specially designed for mill sanitation. It effectively kills bacteria and keeps mills clean. MAXQUAT-50 is developed specifically for the control of sugar loss in Sugar Mills due to microbial inversion.

SALIENT FEATURES

CONTROL OF BACTERIA

Micro-organisms such as *Leuconostoc mesenteriods*, *Bacillus subtilis*, sp. develop easily in sugar juice. They secrete the enzyme invertase very rapidly. MAXQUAT-50 prevents the growth of such micro organisms and ensures maximum inhibition of inversion caused by microbial growth.

INCREASED SUGAR RECOVERY

Use of MAXQUAT-50 can increase recovery of commercial sugar by ensuring minimum loss due to inversion of sugar.

PROTECTION TO MILL EQUIPMENT

MAXQUAT-50 biocide does not have any corrosive action like chlorine gas or chlorine liberated from hypochlorites. Thus use of MAXQUAT-50 reduces corrosion of mill equipment.

PROTECT STABILITY

MAXQUAT-50 remains extremely stable and active against bacteria over a wide range of pH and temperature. MAXQUAT-50 has good shelf life and can be stored throughout the season without loss of activity.

DOSAGE AND APPLICATION

The exact dosage of MAXQUAT-50 will depend upon the extent of bacterial fouling and expected degree of control. Normal dosage is 3 to 5 ppm on cane crushed. Thermax Technical representative will suggest the optimum dosage.

MAXQUAT-50 should be diluted with water. Dilute solutions should be continuously fed in the imbibition water tank.

STORAGE

Store under shade, on wooden pallets and away from Salts & Water.
Use material within One & half years from the date of mfg.

PACKING

MAXQUAT-50 is available in 35 kgs HDPE Carboys.