

ANTIREX

EVAPORATOR ANTISCALANT

❖ SALIENT FEATURES :

Use of ANTIREX inhibits the scale formation on the evaporators surface mainly caused due to calcium and magnesium compounds. The main scale forming components (a) calcium sulphate (b) calcium phosphate resulting in evaporation station which almost works for couple or more of the normal working period between general clearing which also show an efficient results in sugar stations and also at pans.

❖ GENERAL SPECIFICATIONS

Appearance	:	Colourless to straw
Solubility	:	Miscible with H ₂ O at any ratio
pH Value	:	approx. 7 to 7.5
Specific Gravity	:	approx. 1 to 1.2
Storage	:	Unlimited under normal conditions.

❖ DOSAGE :

The dosage of ANTIREX shall depend upon the juice analysis, severity of scaling etc. The average recommended dosage is about 10 to 15 ppm expressed on cane crushed so the above recommended dosage shows that the working period of evaporation station between two general cleaning should normally double or more, there by 50 % of shut down for general cleanings.

❖ **FEEDING :**

ANTIREX is diluted by the means of dosage pumps to the clear juice depending on the layout of the evaporation station.

❖ **ADVANTAGES :**

1. The interval between two general cleaning can be almost double or more, dose reducing approximately half the general cleaning.
2. Crushing capacity of the mill remain at optimum level over longer period.
3. Less duration of tube cleaning time due to soft scale formation.
4. More imbibition water is used resulting in less loss of sugar in bagasse.
5. Uniform heat transfer co-efficient can be maintained, since scaling deposition is controlled to a minimum. This will naturally reduce steam consumption and in turn fuel consumption.

❖ **PACKING**

ANTIREX is available in 50 Kgs HDPE carboys

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