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TECHNICAL DATA SHEET

CI-636

SCALE & CORROSION INHIBITOR TO PREVENT OR RETARD THE DEPOSITION OF SCALE-FORMING MINERALS AND STRETCH CLEAN-OUT PERIODS IN SUGAR EVAPORATOR SYSTEMS

DESCRIPTION :

CI-636 Scale & Corrosion Inhibitor has been developed for inhibiting or minimizing scale and silt formation in sugar evaporators, heaters and pans. CI-636 is completely stable under high temperatures and remains effective during long retention periods. Scale deposition is minimized through the action of surface-active dispersive properties of special synthetic polymers.

ADVANTAGES :

- *Stabilizes carbonates and sulfates of calcium
- *More stable than inorganic polyphosphates
- *Can be used in high temperature processes and remains effective for long retention periods
- *Stable in highly acid or alkaline solutions
- *Effectively disperses precipitates and other solids
- *Compatible, at use levels, with other chemical treatment products
- *Liquid product can be fed directly from the drum
- *High temperatures are not detrimental to the product
- *Colloidal action with impurities produces a soft residue which is easily cleaned.

FEED REQUIREMENTS :

CI-636 dosage will vary depending on concentration and type of scale-forming constituents in the system. Suggested initial treatment rate is 20~30 ppm based on juice to the evaporators and optimum dosage will vary upon individual mill operating conditions.

Generally the best results are obtained by adding all of the inhibitor to the clarifier effluent that feeds the multiple-effect evaporator; however in specific cases results can be improved by feeding CI-636 at points between the first and last effects.

SPECIFICATIONS :

Appearance....	Dark brown liquid
PH.....	4~8
SP.GR(20°C)	1.27 ± 0.05 g/cm ³

PACKAGING :

Available in P.E. drum, net weight 220 kg.

STORAGE :

CI-636 should be stored in a dry place and slightly elevated from the floor, as on a standard pallet.

Recommendations given in this bulletin are based on tests believed to be reliable. However, the use of the product is beyond the control of T.K.C. and no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility, including injury or damage, resulting from misuse of the product as such, or combination with other materials. This bulletin is not to be taken as a license to operate under or recommendation to infringe any patent.