

# INSTA SS - 6675 (ANTISCALANT)

## Operation

Evaporation & Juice Concentration distillation.

## Goal

Increases campaign & reduces necessity of off - line cleanings.

## Application

- Insta SS – 6675, should be used at concentration of 18-20 ppm on the basis of clarified juice.
- Insta SS – 6675, can be easily diluted with water and mixed with the clarified juice just before its entry into the evaporator.

## Feature

- The Insta SS – 6675, is a synthetically acrylate based compounds.
- Insta SS – 6675, is a synthetically acrylate based water soluble antiscalant additive designed for use in sugar juice evaporator.
- Improved heat transfer through clean evaporating surfaces.
- Reduce steam / fuel consumption.
- Enhance equipment life.
- Minimum number of cleanings per season.
- Scaling due to its Calcium salts and silica which are normally present in the sugar juice is controlled effectively and excellent by Insta SS – 6675.
- Antiscalant contains powerful sequestering agents which forms water soluble complexes with scale forming cations such as Ca, Mg etc.
- In the juice evaporation process all the conditions are present to create scaling, evaporation of water, increasing pH & increasing temperature will crystallize the salts present in the juices & favor organic deposition. Insta SS – 6675, due to its crystal distortion property any scales that are formed soft and friable thereby making cleaning process easy
- Insta SS – 6675, does not interfere with the crystallization process of sugar.

## Packing

50 Kg. HDPE Carboys

## Typical Characteristics

Sr.No.	Characteristics	Specification	Sr.No.	Characteristics	Specification
1	Appearance	Colorless to Light Yellow clear liquid	5	Specific Gravity @ RT	1.2 Max.
2	Solubility	Miscible with water in all proportions	6	% Solids	Min. 20%
3	pH of Product	4 to 6	7	Flash Point	Non Flammable
4	Viscosity on B4 cup in poise	50 Sec. Max.	8	Toxicity	Non Toxic

MSDS is available on request.



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