

**RAKIRO BIOTECH SYSTEMS PVT LTD**

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**Doc No :** TDSWT8300  
**Date :** 01-04-2024  
**Type :** UDAAQ  
**Product Code :** WT8300

**PRODUCT DATA SHEET****> INFORMATION**

Product Code: WT8300

Product Name: Evaporator Antiscalant

Application: Sugar Processing

**> DESCRIPTION**

UDAAQ – 8300 is a blend of low molecular weight polymers. It functions in three ways for protecting the quadruple evaporators from scaling & deposits. The product main function is its sequestering property Crystal growth modification and it is having an effective dispersing property. Generally the first two Evaporator bodies have a deposition of carbonate and phosphate salts of calcium. The third and fourth bodies would have hard deposits of sulphates and silicates which are mainly derived from sulphitation process and lime process at the time of clarification of juice. UDAAQ 8300 is very effective for Carbonate, phosphate, sulphate and silicate deposits and it maintains a consistency in the brix of sugar juice in respective evaporator bodies.

**> SALIENT FEATURES**

Environment-friendly and Non-Toxic Products  
Economical and Ready to use in 5/20 KG Pack  
Helps in Enhancing Sugar Extraction

High Chemical Stability with Enhanced Inhibition  
Easy to handle with Rapid Action for Instant solution  
Complete system Protection to Enhance life

**> ANALYTICAL DATA**

Appearance : COLOURLESS TO PALE YELLOW COLOUR LIQUID

pH : 6.00 - 8.00

Density : 1.00 - 1.20

**> HANDLING INSTRUCTIONS**

The use of protective Clothing, facemask, safety goggles, shoes and gloves are mandatory. Keep the container away from direct heat & sunlight. Keep the container closed when not in use. The product should not be swallowed and prolonged contact with the skin should be avoided. Should it come in contact with the eyes, flush with clean, cold water and get medical attention.

**> RECOMMENDED DOSAGE**

The typical Dosages would be about 15 – 20 ppm on cane crushed. The Dose may vary according to the quality of sugarcane juice. Generally the chemical is to be added at the inlet of vapour cell / first Evaporator body, followed by third and fourth body by continuous dosing pump.