



**CTA - 100™**  
**Antiscalant/Anticorrosion – Liquid**  
**Product Datasheet**

**PERFORMANCE:**

**CTA - 100™** antiscalant offers a variety of critical performance and application benefits:

Powerful inhibitor against a variety of carbonate and sulfate scale:

CaCO <sub>3</sub>	CCPP ≤ 900 (LSI ≤ 2.4)
CaSO <sub>4</sub>	2.8 x Ksp
BaSO <sub>4</sub>	80 x Ksp
SrSO <sub>4</sub>	20 x Ksp
CaF <sub>2</sub>	1000 x Ksp

- Highly effective Antiscalant across a wide quality of water.
- Effective over a wide pH range.
- Effective for water having high Alkalinity level.
- Compatible with polyelectrolyte.
- Achieving threshold scale inhibition at low dose rate offers excellent economical running cost.

**CONTACT US:**

**RCB CHEMICALS & SERVICES**  
Phone: +92-42-35216568-69  
info@rcbchemicals.com  
www.rcbchemicals.com

**PRODUCT DESCRIPTION:**

**CTA-100™** is designed as an all organic treatment for, recirculating cooling water systems. The product is formulated with a combination of organic phosphonates, polymeric dispersant and anazole corrosion inhibitor specifically selected for systems, which are operated with moderately high hardness and alkaline makeup waters. **CTA-100™** is required to keep larger amounts of scalant in solution. **CTA-100™** is primarily used to control scale precipitates and corrosion in Cooling Tower Water.

**DOSING:**

Establishing the most efficient dose rate is dependent on a number of factors, including feed water quality and cycles of concentration. Typical application rates range between 30 – 50 ppm. For accurate dosing recommendation contact RCB representative.

**DILUTION:**

The maximum dilution for **CTA-100™** should not exceed 10%. If further dilution is required, then consult RCB representative for advice.

**SPECIFICATION:**

SPECIFICATIONS	
Appearance	Colorless Liquid
pH (10% solution)	1.5 - 2.5
Specific Gravity @20°C	1.03 -1.06 g/cm <sup>3</sup>
Freezing Point	< -5°C
Odor	Characteristic odor

**PACKAGING AND STORAGE:**

Standard regional pack sizes are listed below and custom packaging can be provided worldwide. Information on drum less or bulk tanker delivery is available on request.

Packaging Formats	Pakistan
Jerrycan	25 Kg
Drum	210 Kg

Other packing is available on request.

**AVAILABILITY:**

Lahore, Karachi, Faisalabad.