

**RAKIRO BIOTECH SYSTEMS PVT LTD**

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Doc No : TDSWTCR100**Date :** 01-04-2024**Type :** UDAAQ**Product Code :** WTCR100**PRODUCT DATA SHEET**> **INFORMATION**

Product Code: WTCR100

Product Name: Chiller Plant Corrosion Inhibitor

Application: Cooling System Treatment

> **DESCRIPTION**

UDAAQ CR 100 corrosion inhibitor provides superior corrosion inhibition to multi-metal systems, operating at both high and low temperatures. This is recommended for diesel and other internal-combustion engines, hot-water heating systems, chilled water circuits and other closed systems, containing ferrous and non-ferrous metals. Application of UDAAQ CR 100 in engine-jacket cooling water precludes the necessity for pre-softening or demineralization of these waters. It prevents deposits, scale, sludge and resultant losses in heat transfer or mechanical efficiency caused by high-mineral waters. It does not affect non-metal components or seals.

> **SALIENT FEATURES**

Food Grade Cooling Water Treatment

NSF Certified for Food Processing Industries

Environment-friendly and Non-Toxic Treatment

Economical and Available in ready to use Pack

High Temperatures and High-Pressure Stability

Easy to handle with Rapid Action for Instant solution

Complete system Protection to enhance system life

> **CERTIFICATIONS**

NSF - Food Grade Certified Cooling Water / Chiller Treatment Chemical

NSF - NFC Certification

> **ANALYTICAL DATA**

Appearance : RED COLOUR LIQUID

pH : 10.00 - 14.00

Density : 1.10 - 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**

An dosage of 13.5 Kg/m³ is recommended but this dosage is to be adjusted in such a way that it should give protection to the system, while being economical. Dosage might vary depending on the parameters viz. the temperature of the system, the type of metal, the characteristic of the makeup water.