

**RAKIRO BIOTECH SYSTEMS PVT LTD**

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Doc No : PD-WT-CR200**Rev No :** 0**Product :** UDAAQ**Product Code :** WTCR200**PRODUCT DATA SHEET****1 INFORMATION**

UDAAQ CR 200-Corrosion Inhibitor: Closed Recirculating Cooling Systems/Chilling plant

2 DESCRIPTION

UDAAQ CR200 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 CR200 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.

3 SALIENT FEATURES

Maximum corrosion protection for all system metals.

Environmental friendly

Compatible with anti-freeze solutions.

Product does not contain zinc or chromate.

Prevents scale and sludge.

Inhibits multi-metal systems.

4 ANALYTICAL DATA:

Appearance : White to pale yellow color powder

pH : 9.0 To 11.0 (pH of 5% solution)

Density : 0.9 To 1.05

5 HANDLING INSTRUCTIONS

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.

6 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.