

**RAKIRO BIOTECH SYSTEMS PVT LTD**

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**Doc No :** TDSWTB201  
**Date :** 01-04-2024  
**Type :** UDAAQ  
**Product Code :** WTB201

**PRODUCT DATA SHEET****1 INFORMATION**

Product Code: WTB201

Product Name: Carbamate Based Biocide

Application: Cooling System Treatment

**2 DESCRIPTION**

WTB201 biocide is Carbamate based biocide effective in controlling bacterial slime and fungal growth in industrial recirculating cooling water systems, air washer systems and evaporate condensers. WTB201 is also effectively used in paper mills and cane sugar mills, secondary and tertiary oil recovery systems.

WTB201 is a highly effective Microbiocide formulation wherein it's chelating agent combines with the metal ions in the enzymes essential to the metabolism of microorganisms, thereby stunting their growth.

**3 SALIENT FEATURES**

Broad spectrum biocide

Compatible with other cooling water treatment

Ready To Use Liquid

Effective over a wide pH range

Non foaming

Easy To Use &amp; Safe To Handle

**4 ANALYTICAL DATA**

Appearance : Clear pale yellow to amber colour liquid

pH : 9.5 To 12.5

Density : 1.0 To 1.2

**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**

Cooling tower systems which are contaminated should be cleaned before the addition of biocide.

**Shock Dosage:-**

Shock dose (Initial dose) for fouled systems or at start-up or where the build up of biomass is apparent should be 100 - 200 PPM. Add this biocide at a point such as water basin, box etc in the distribution system that will lead to rapid distribution. This dose may be repeated once or twice a week as required to bring microbial growth under desired limits.

**Maintenance Dosage:-**

After the initial treatment, once the the microbial growth is under desired limits dose may be adjusted between 50 - 70 PPM based on microbial load analysis of the system and on the blow down of water from the system.