

**RAKIRO BIOTECH SYSTEMS PVT LTD**

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Doc No : TDSWT1153A**Date :** 01-04-2024**Type :** UDAAQ**Product Code :** WT1153A**PRODUCT DATA SHEET**> **INFORMATION**

Product Code: WT1153A

Product Name: Chiller Plant On Line Cleaner

Application: Cooling System Treatment

> **DESCRIPTION**

UDAAQ WT1153A is a Closed Cooling System Cleaner effective in removing deposit , sludges / foulants. UDAAQ WT1153A is a blend of specific chelating agents designed for removal of Iron, Calcium and Magnesium based deposits from cooling water systems. UDAAQ WT1153A removes these deposits as soluble species . UDAAQ WT1153A is found to be most effective in cleaning, where deposition or oil contamination is suspected of reducing heat transfer or restricting flow available. Deposits are softened and solublized as UDAAQ WT1153A penetrates the deposits and enhances the action of cooling water dispersants to slough off remaining deposits. These would be removed during a blow down or draining. UDAAQ WT1153A is effective at the normal pH operating range of recirculating cooling water systems. The product works best along with UDAAQ WT1153B , a closed cooling system cleaner.

> **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 : COLOURLESS TO PALE YELLOW COLOUR LIQUID

pH : 5.00 - 7.50

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**

Determine the foulants like Hardness, Iron, Silica, Residual Oils etc. Inspect for soft geletenus, slime or other foulants.

1. Drain the water from the system.

2. Fill 50 % system volume with fresh clean water. Add 400 gm of UDAAQ IC 1153 A & 200 gm UDAAQ IC 1153 B per ton of water.

Fill the system completely with water.

3. Circulate for eight hours.

4. Observe the turbidity of water. Drain out 50 % of the water and add 200 gm of UDAAQ WT1153A, 100 gm UDAAQ IC 1153 B per ton of water. Recirculate for three hours.

5. Rinse the system with water till you get a neutral pH.

6. Inspect visible parts.

If hard scale deposits remain, clean with one more charge of UDAAQ WT1153A & B .

7. Refill the system with maintenance products .