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Doc No :	TDSWTB2100
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Type :	UDAAQ
Product Code :	WTB2100

PRODUCT DATA SHEET

> INFORMATION

Product Code: WTB2100
Product Name: THPS Based Biocide

Application: Cooling System Treatment

> DESCRIPTION

The control of microbiological activity is an important, often safety critical activity in many commercial, manufacturing and industrial process applications. Our Tetrakis(hydroxymethyl)phosphonium Sulfate based biocides are effective in controlling bacterial slime and fungal growth in industrial recirculating cooling water systems, air washer systems and evaporate condensers. Our THPS based broad spectrum microbiocide, which is is highly effective against all type of Biofilm including sessile & planktonic organisms. It helps to keep the cooling water systems surface free from biofouling, and preserving it clean.

> 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	: 2.00 - 5.00
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

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 - 300 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.

Maintance Dosage:-

After the inital treatment, once the the microbial growth is under desired limits dose may be adjusted between 75 - 100 PPM based on microbial load analysis of the system and on the blow down of water from the system.