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Doc No :	TDSWTB700
Date :	01-04-2024
Type :	UDAAQ
Product Code :	WTB700

PRODUCT DATA SHEET

1 INFORMATION

Product Code: WTB700
Product Name: Nano Silver Hydrogen Peroxide Based Biocide

Application: Cooling System Treatment

2 DESCRIPTION

WTB700 is a highly effective Micro biocide formulation, an active combination of Nano Silver and Hydrogen Peroxide. WTB700 is effective in controlling bacterial growth, algae & fungal growth in all types of Waters. This combination is lethal to microbes, wherein Hydrogen peroxide disrupts microbial cell membrane, while Nano Silver penetrates in the cell, inhibiting enzymes needed for microbial metabolism. Nano silver also disrupts DNA strands.

3 SALIENT FEATURES

- Eco-Friendly, User-Friendly
- Non Pollutant & Biodegradable
- Stable In Storage
- Broad Spectrum Biocide
- Highly Effective at Lower Dosage
- Non - Foaming
- Chlorine Free
- Rapid Action
- Compatible with Other Cooling Water and RO Formulations

4 ANALYTICAL DATA

Appearance	:	Clear Colourless to off white color liquid
pH	:	2.5 To 4.5
Density	:	1.0 To 1.1

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.

Maintance Dosage:-

After the inital 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.