

KATHON™ CF 400 Microbicide

Introducing a New, Higher Concentration Metal-Free Isothiazolone Technology from Rohm and Haas Company for Water Treatment and Polymer Latex Preservation

US EPA Registration: 707-316

Features	Benefits
Higher concentration	Less material to handle, reducing freight, inventory and container transfer and disposal
Metal free	Avoids potentially adverse environmental impacts
Broad spectrum antimicrobial efficacy	Excellent long-lasting microbial control equivalent to KATHON WT 1.5% Microbicide
Excellent stability	Comparable stability to KATHON WT 1.5% and KATHON CF 150 biocides
Compatible with commonly used polymers and other biocides (oxidizing and non-oxidizing)	Flexible and simple to use
Non-mutagenic, non-teratogenic, and non-carcinogenic	No exposure to material with chronic toxicity
Active ingredients degrade quickly to non-toxic materials	Does not persist or bioaccumulate in the environment

Typical Physical Properties

These properties are typical but do not constitute specifications.

Appearance	Clear, pale yellow liquid
Specific gravity	1.07
pH	2 to 4
Viscosity, cP	1.27 @ 20°C, 68°F
Solubility in water	Completely soluble

Dose Level Comparison

Application	KATHON CF 400	KATHON CF 150	KATHON WT 1.5%
Cooling Tower noticeably fouled	56 to 331 ppm (2.2 to 13 ppm active)	148 to 883 ppm (2.2 to 13 ppm active)	148 to 883 ppm (2.2 to 13 ppm active)
Cooling Tower when microbial control is evident	13 to 82 ppm (0.5 to 3.5 ppm active)	35 to 219 ppm (0.5 to 3.5 ppm active)	35 to 219 ppm (0.5 to 3.5 ppm active)
Air Washer noticeably fouled	56 to 331 ppm (2.2 to 13 ppm active)	148 to 883 ppm (2.2 to 13 ppm active)	148 to 883 ppm (2.2 to 13 ppm active)
Air Washer when microbial control is evident	13 to 82 ppm (0.5 to 3.5 ppm active)	35 to 219 ppm (0.5 to 3.5 ppm active)	35 to 219 ppm (0.5 to 3.5 ppm active)
Polymer Latex Preservation	159 to 1256 ppm (6.25 to 50 ppm active)	425 to 3350 ppm (6.25 to 50 ppm active)	425 to 3350 ppm (6.25 to 50 ppm active)

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