



Uniphos Chemicals

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XF-990 (CMIT/MIT)

XF-990(CMIT/MIT) is liquid biocide with numerous outstanding advantage such as rapid inhabitation of growth and macromolecule synthesis, broad spectrum activity, effective at low concentration and against biofilm as well as a wide PH range, biodegradable non-persistent in the environment, non-surface activity, infrequent dosing, easily deactivated, compatibility, low toxicity, water soluble, non-foaming, cost effectiveness etc. The active ingredient is a mixture of two isothiazolines. **XF-990(CMIT/MIT)** is ideally suited to meet the requirement of an industrial water treatment biocide for bacteria, fungi and algae paper mill slimicide.

Trade Name	XF-990(CMI/MI)	
Abbreviation	CMIT/MIT or CMI/MI	
Chemical Name	5-chloro-2-Methyl-4-Isothiazoline-3-one/ 2-Methyl-4-Isothiazoline-3-one	
Molecular Formula		
Molecular weight:	CMIT=149.6, MIT=115.16	
Commercial Form	Solution	
CAS Number	Item	CAS NO
	5-chloro-2-Methyl-4-Isothiazoline-3-one	26172-55-4
	2-Methyl-4-Isothiazoline-3-one	2682-20-4

Typical Properties

Appearance:	Pale yellow liquid
Active ingredients (w/w):	13.9-14.5%
CMIT/MIT ratio:	2.5-3.4
Specific gravity:	1.26-1.33
PH (neat):	2.0 – 4.0

Packaging

250KGS net in PE drum, 1250kg net in IBC