

## BACTERICIDAL ACTIVITY OF ECOCLEAN-20 AND ECOCLEAN-50

### Study on Sewage Effluent

#### Performance of Flocculation using **Ecoclean - 20**

Source	Product % (Ecoclean: 20)	Different Hours							
		0	1	2	3	4	5	18	24
Effluent	0.01	P	P	P	P	P	P	M	G
	0.02	P	P	P	P	M	M	G	G
	0.03	P	M	G	G	G	G	G	G
	0.04	P	G	G	G	G	G	G	G
	0.05	P	G	G	G	G	G	G	G

P- POOR; M- MODERATE; G- GOOD

#### Minimum Inhibitory Concentration of **Ecoclean-50 New** after Flocculation using **Ecoclean-20**

Source	Bacterial Concentration	Product % (Ecoclean - 20)	Flocculation Time – hour	Product % (Ecoclean - 50)	Incubation time/ Hours	Bacterial Growth Present/Absent
Effluent	66×10 <sup>-4</sup> CFU/ml	0.03	2	0.03	0	+
					1	-
					2	-
					3	-
					4	-

+ : Growth Presents, - : no growth

**Results:** 100% Bacterial Growth was arrested in one hour when treated with both products at 0.03% concentration.

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