

RESUME

The article presents data on bactericidal and disinfecting activity of preparations based on surfactants against E.coli 1257 and St.aureus 209-P in laboratory and production conditions. Recently, in disinfection practice, in general, complex disinfectants based on surfactants are used. Due to the presence of various additives in its composition, the composition means can reduce the risk of metal corrosion, provide good wettability of the equipment surface, emulsify lipid-protein contaminants, and possess high bactericidal activity.

Proceeding from the foregoing, the purpose of this work is to study the comparative effectiveness of the use of disinfectants based on surfactants. For the study, well-known foreign preparations with the content of surfactants were used: «Dzheffect» and «Vapusan-2000». We carried out tests to determine the bactericidal activity of the proposed products for laboratory strains of E.coli 1257 and St.aureus 209-P on the sampler test facilities without biological protection.

636.3 619. 617.7

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[1,2].
31-37% 50%.
2-4

30% 90%

[3, .3,4].

[5].

9 « » « » « » 4

4 6 , 7 9

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Muscidae, Calliphoridae

Sarcjpharidae,

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	6 .	9 .	6 .	9 .	6 .	9 .
1	2	3	4	5	6	7
/ ' .	6,08±0,12	6,48±0,26	6,02±0,15	6,32±0,14	5,72±0,18	5,62±0,18
/ ' .	7,20±0,11	7,12±0,22	7,70±0,17	7,78±0,14	9,65±0,25	10,05±0,2
, /	106,32±2, 6	101,3±2,4	99,3±2,68	96,8±2,24	91,4±2,5	88,4±2,72
/ ' .	71,34±1,25	73,34±1,32	68,12±1,38	66,22±1,8	62,32±1,24	62, 2±1,32

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1	2	3	4	5	6	7
, %	0,84±0,03	0,86±0,06	1,50±0,03	1,8±0,05	1,62±0,04	1,07±0,04
, %	1,12±0,12	1,22±0,14	6,24±0,32	7,12±0,36	5,44±0,24	4,32±0,42
: %	0,70±0,04	1,2±0,06	3,50±0,04	3,56±0,05	4,48±0,04	5,38±0,06
: %	6,24±0,12	6,12±0,16	5,68±0,14	4,6±0,36	7,18±0,42	6,98±0,38
: %	38,29±1,52	36,9±1,48	31,4±1,12	31,45±1,24	31,04±1,28	29,85±1,36
, %	49,31±2,24	49,8±1,36	47,46±1,28	47,11±1,24	45,27±1,28	47,38±1,44
, %	3,5±0,2	3,8±0,14	4,22±0,36	4,36±0,42	4,97±0,36	5,02±0,12

6,08±0,12 6,48±0,26 / , 6,02±0,15 6,32±0,14 / , 5,92
 12,38%.
 - 106,32±2,6 / . , 88,4±2,72 / .
 /). (7,12±0,22 /), (10,05±0,2
 6,9 9,2%
 4-6 7-9
 71,34±1,25
 / , 4-6 7-9 - 73,34±1,32 / .
 68,12±1,38 66,22±1,8 / , 5,52 6,08%.
 % (62,32±1,24 62,2±1,32 /). 12,64 15,19

