Munkadur®
Tank Lining System
for Beverage and
Water Tanks

munk schmitz

Compatibility List

for

Detergents and Disinfectants

against

Munkadur® TW Bfree

Date of Revision: September 2024

Compatibility List for Detergents and Disinfectants against Munkadur® TW Bfree

Munkadur® TW Bfree is an approved internal coating for tanks in contact with drinking water.

The undermentioned results are based on laboratory tests at room temperatures (20 °C ± 2 °C; period: 36 hours resp. 36 cycles. 60 minutes each) and under observance of specific physical conditions, as well as the original mixture of detergent and disinfectant during the laboratory test.

In practice, detergents and disinfectants are used in various other combinations and cycles. Despite the information given, an effect on the lining cannot be excluded.

In all cases where these agents are combined with other agents – even in minimal quantities – or the agent is not listed please consult our laboratory.

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Symbol	Legend
R	Detergent
D	Disinfectant
R+D	Combined detergent/disinfectant
% v/v	Percent per volume
% wt.	Percent by weight
TW	Munkadur® TW Bfree
++	Well suited Brightness loss: < 20 % points
+	Suited, slight discoloration of the surface may occur in the long term Brightness loss: < 20 % points
0	Conditionally suited, discoloration may occur in the long term Brightness loss: < 30 % points
±	Less suited, the surface is plainly matted Brightness loss: > 30 % points
–	Not suited, lining is destroyed

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Important information: Test parameters: 20 °C ± 2 °C over a test period of 26 days.

Manufacturer / Product	Type	% v/v	% wt.	Remarks	TW	
ASIRAL GmbH						
ASIRAL Persteril CIP	D	0.1 %			++	
ASIRAL Synox SEP	R	1 %			+	
ASIRAL Synox SW	R	1 %			++	
ASiRAL DS Pure Process	D	4 ppm		Chlorine dioxide generated by ASiRAL DS Pure (ASiRAL Chlorine dioxide plant)	++	
ASIRAL Synox Pure Process	R+D	4 ppm		Chlorine dioxide generated by ASiRAL DS Pure (ASiRAL Chlorine dioxide plant) plus 1,5% ASiRAL CP	+	
ASIRAL 245	R	1 %			+	
CARELA GmbH						
CARELA HYDRA	R+D	3 %		180 grams plus CARELA PLUS 12 grams	+	
CARELA KOMBI	R+D	2 %		180 grams plus CARELA PLUS 6 grams	++	
CARELA NOVOPUR	R	16.6 %			++	

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