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Metal Compatibility of Aqueous Cleaners at 2%

% Change in Mass of Selected Metals After Immersion in 2% Cleaning Solutions

		MICRO-90®		LF2100®		MICRO® A07		SURFACE-CLEANSE/930®		ZYMIT® Low-foam		ZYMIT® Pro		Water (Control)	
Metal	**Immersion Time**	**25° C**	**40° C**	**25° C**	**40° C**	**25° C**	**40° C**	**25° C**	**40° C**	**25° C**	**40° C**	**25° C**	**40° C**	**25° C**	**40° C**
Aluminum	24 Hours	-0.5%	-0.3%	-0.1%	-0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%
	288 Hours	-0.3%	-0.2%	-0.2%	-0.5%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.3%	0.0%	0.0%
Brass Alloy	24 Hours	-0.1%	-0.1%	-0.1%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.1%
	288 Hours	-0.2%	-0.3%	-0.2%	-0.2%	-0.4%	-1.0%	0.0%	0.0%	-0.1%	-0.5%	-0.2%	-0.4%	0.0%	0.0%
Bronze Alloy 220	24 Hours	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	288 Hours	-0.2%	-0.3%	-0.1%	-0.1%	-0.5%	+0.1%	0.0%	0.0%	-0.1%	-0.2%	-0.1%	-0.2%	0.0%	0.0%
Cold Rolled Steel	24 Hours	0.0%	-0.2%	-0.1%	0.0%	-0.3%	-0.7%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	288 Hours	-1.3%	-2.3%	-0.1%	-0.2%	-2.0%	-2.7%	-1.2%	-1.0%	-0.1%	-0.2%	-0.1%	-0.1%	-0.2%	-0.2%
Copper Alloy CA 110	24 Hours	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	288 Hours	-0.1%	-0.3%	-0.1%	-0.3%	-0.5%	0.0%	0.0%	0.0%	-0.1%	-0.3%	-0.1%	-0.2%	0.0%	0.0%
Monel 400	24 Hours	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	288 Hours	-0.1%	-0.2%	0.0%	0.0%	-0.3%	-1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Stainless Steel	24 Hours	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	288 Hours	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Titanium Alloy, 8% Mn	24 Hours	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	288 Hours	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Test Method: ASTM D543-95

The recommended concentration use for the above cleaners is 1.0% to 2.0%. Test data is provided for comparison purposes only. Individuals should conduct their own tests for compatibility verification. Please contact International Products Corporation for compatibity information on any metal not shown.

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