



Mid South Chemical Company, Inc. | 1-800-264-6055

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Polyphosphates

Sequestering Agents

Polyphosphates are sequestering agents that remove “red water” from source supplies as well as stabilize iron, manganese, and calcium in potable water systems. Polyphosphates are multipurpose in application as they stabilize water systems to minimize or prevent scale and iron deposits in system piping where pre-existing deposits occur. Polyphosphates act to slowly remove these restrictions and help restore hydrolic efficiency to the system. Stains and discolorations from corrosion products are equally removed along with improving the aesthetics of the systems.



Certified to
ANSI/NSF 60

Mid South’s Polyphosphate Products

	MCT 4120	MCT 506	MCT 506A	MCT 506C
Appearance	Clear liquid	Clear liquid	Clear liquid	Clear liquid
Specific gravity	1.36 ± 0.5%	1.42 ± 0.5%	1.57 ± 0.5%	1.74 ± 0.5%
pH (neat)	> 5.2	> 11.0	> 11.0	> 11.2
Freeze point	< 15 ⁰ F	< 24 ⁰ F	< 22 ⁰ F	< 20 ⁰ F
Bulk density	11.3 lbs/gallon	11.8 lbs/gallon	13.1 lbs/gallon	14.3 lbs/gallon
NSF max. feed	28 mg/L	43 mg/L	34 mg/L	29 mg/L

Note: All Mid South polyphosphate blends are certified to ANSI/NSF Standard 60

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