

Membrane Support Chemicals TriClean™ Cleaners

MANN+HUMMEL Water & Fluid Solutions reached an agreement with Xelera to service our membrane support chemical customers. Virginia-based distributor Xelera has been a blending partner of MANN+HUMMEL Water & Fluid Solutions for years. Their team has years of field experience, emphasizes a service-oriented offering, and blends a complete line of chemical products. To place an order for membrane support chemicals, email mdorders@xelera.us or call +1 (540) 389-5232.

Extensive knowledge of membrane fouling characteristics allowed MANN+HUMMEL Water & Fluid Solutions to develop its own line of membrane support chemicals including cleaners, antiscalants and other support chemicals. TriClean™ cleaners help your system reach optimum performance while offering the following features and benefits:

- Guaranteed compatibility with today's membrane technologies
- High quality ingredients
- Liquids available in 5 gal and/or 55 gal sizes
- Powders available in 40 lb and/or 100 lb sizes

MANN+HUMMEL Water & Fluid Solutions' Technical Service Team is available to determine which membrane cleaner is appropriate for your system. Please feel free to contact MANN+HUMMEL Water & Fluid Solutions regarding your membrane support chemical needs.

TRIPOL™ MEMBRANE CLEANERS

Product	pH	Type	Membrane	Carbonates	Sulfates	Iron	Hydroxides	Organics	Particulates/ Silt	Silica
TriClean™ 210	Acidic	Powder	TF, CA*	✓	✓	✓	✓			
TriClean™ 212TF	Basic	Powder	TF					✓	✓	✓
TriClean™ 214TF	Basic	Liquid	TF					✓	✓	✓
TriClean™ 310	Acidic	Liquid	TF, CA	✓	✓	✓	✓			

* TF = thin-film, CA = cellulose acetate

TRICLEAN™ MEMBRANE CLEANERS

In addition to the general purpose cleaners above, MANN+HUMMEL Water & Fluid Solutions offers several specialty cleaners to target unique applications. These include:

- TriClean™ 211: additive to low pH cleaners for removal of polymers, dyes, and organics
- TriClean™ 217: removes manganese dioxide or sulfate scale
- TriClean™ 510: cleaner for removing organic material

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