

Water Technologies & Solutions fact sheet

JelCleen* JPC700

coagulant activator for JelCleen filtration media

features

- Compatible with Hypersperse* MDC150 and Hypersperse MDC220 deposit control formulations.
- Compatible with and proven not to foul thin film composite membranes.
- Activation or recoating of JelCleen* 1000 filtration media can be accomplished in minutes while media remains in the filter vessel.
- Highly effective alternative to continuous coagulant feed.

description and use

JelCleen JPC700 is designed to activate JelCleen 1000 after the media has been loaded into the filter vessels. This high-molecular weight coagulant absorbs onto the active surface of the JelCleen 1000 media, rendering it capable of achieving highly efficient removal of colloidal solids from the influent water.

application

JelCleen 1000 filtration media must be activated with JelCleen JPC700 before it is put into service. Before activating the media, it must be cleaned using JelCleen JCL711. See the JCL711 Product Fact Sheet for cleaning instructions.

Activation of the JelCleen 1000 media using JelCleen JPC700 should be performed as follows:

1. Dilute JelCleen JPC700 to ~25% strength to reduce viscosity and ensure that sufficient federates are achieved.
2. Start backwashing the filter following normal parameters.
3. Meter the prepared JPC700 solution into the backwash water to achieve 550 ppm of JPC700 (be sure to adjust for make-down solution strength). Continue this addition for 3 minutes.
4. Stop the backwash flow, and allow the filter to stand idle for 5 to 10 minutes.
5. Restart the backwash flow, and add JPC700 solution as in step 3 for an additional 3 minutes.
6. Stop the backwash flow, and allow the filter to stand idle for 10 to 15 minutes.
7. Place the filter into the service mode, and rinse to drain for at least 30 minutes.

Your SUEZ representative can assist you with monitoring your system and determining when reactivation is advised.

precautions

JelCleen media must be rinsed for a minimum of 20 minutes following reactivation with JelCleen JPC700.

For potable applications, maximum dosage is 100 mg/L.



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materials compatibility

Corrosion-resistant materials should be used for the storage and preparation of this product, per the following compatibility chart:

Rating	Material
A	LB, Al, Neoprene, Viton Luthurge, Polyeth HDCL, Polypropylene, Polysulfone, Teflon
B	Butyl, Viton A, Buna N & S, EPR, Nat Rubber, Tygon, Poly ethyl HD & LD, PVC, Gylon, Kynar, Halar
C	LCS, SS**, Urethane, Polysulfide, Hypalon, Nylon
X	

** potential for chloride-induced stress cracking

packaging information

JelCleer JPC700 is a liquid material, available in a variety of customized containers and delivery methods. Contact your SUEZ sales representative for details.

safety precautions

A Material Safety Data Sheet containing detailed information about this product is available upon request.

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