

## MB – 9 CLEANING CHEMICALS

Spectra Systems use two types of cleaning chemicals: SC-2 and SC-3

**NOTE: Never use any chemicals with the system pressurized! Never mix cleaning chemicals together.** Always open the pressure relief valve on Clark Pump 1/2 a turn. Always purge a system containing chemicals for at least 20 minutes unpressurized before pressurizing (closing the pressure relief valve) and making water.

**CLEANERS:** Cleaning can shorten a membrane's life. Avoid unnecessary cleaning. Avoid cleaning as a diagnostic tool. SC-3 is an acid cleaner used to remove mineral and scale deposits. This is used in the same way as the SC-2. In most cases SC-3 is used first, and if no results are achieved, proceed with the SC-2. SC-3 cleaning should lower the product PPM and over all pressures. Scaling is a slow process that may take several months or years. SC-3 is less harmful to the membrane than SC-2 and will almost always improve the performance of an older membrane.

SC-2 is an alkaline cleaner used to remove light oil, grime, and biological growth. If you have cleaned your filters, filter housing, and fresh water flushed your system several times and the product water continues to smell consider using SC-2. It is most effective if heated to 120 o F. On a boat, this is not easy to do. If not heated, circulate for 2 hours and let set for several hours and recirculate for one hour and discard. In most cases the water quality will increase in PPM after an SC-2 cleaning. It might take several hours for your system to return to normal production.