



AmSolv®

Total Water Management

AmSolv® 1201

Industrial & Municipal Water Treatment Compound
Potable Water System and Reverse Osmosis Treatment
Corrosion & Scale Inhibitor

DESCRIPTION: AmSolv® 1201 is a high performance organic and polyphosphate liquid antiscalant and corrosion control agent. AmSolv® 1201 is designed for corrosion control in potable water distribution systems and for preventing inorganic mineral scale formation in membrane technology water purification systems. Properly used it will minimize system scale and fouling for increased membrane system life and efficiency. AmSolv® 1201 accomplishes this with one easy to use chemical product. AmSolv® 1201 is designed for use in systems with any supply water hardness and alkalinity levels.

ADVANTAGES: AmSolv® 1201 used at low dosage rates can eliminate the need for high dosage rates of acids, alkalis or inorganic materials. This product is very effective in controlling corrosion in holding tanks, piping and distribution systems. It also greatly reduces scaling potential and deposits that foul water distribution systems. AmSolv® 1201 is very effective in corrosive waters, as well as high hardness, highly alkaline scaling waters. It is a multifunctional material that contains a unique blend of organic and polyphosphate compounds to sequester and disperse contaminants such as calcium carbonate, calcium sulfate, barium sulfate, and strontium sulfate from deposition on membranes and other system components. Product ingredients have been approved for use by major membrane manufacturers.

DIRECTIONS: NOTE: When using this product, PROTECT FACE (especially the eyes) by using a full face shield or cup-type chemical goggles, AND other portions of the body by using rubber gloves, rubber boots, and a rubber apron. Use only in a well ventilated area. Avoid breathing spray mists or vapors.

Potable Water Distribution Systems: AmSolv® 1201 should be fed to water systems continuously by means of a metered chemical injection pump. Dosage rate should be based upon total water flow volume. The injection point should be before any holding tanks. Slug additions to holding tanks can be made regularly in proportion to water turnover volume. For corrosion control, AmSolv® 1201 should be slug dosed to the holding tanks to provide 0.5 to 1.0 gallons AmSolv® 1201 per 100,000 gallons of system water (5 to 10 ppm). **Reverse Osmosis:** AmSolv® 1201 should be injected into the system by means of a metered chemical injection pump. It is pumped directly from the shipping container. AmSolv® 1201 should initially be slug dosed to the system at the rate of 10 to 20 ppm (1.2 to 2.4 fluid ounces per 1,000 gallons) of system waste stream volume. Subsequent dosages should provide 5 to 10 ppm of AmSolv® 1201 based on system waste stream volume.

CAUTION: Do not ingest. If this should occur, drink large volumes of water and seek medical attention. Keep container sealed when not in use to prevent contamination. KEEP OUT OF REACH OF CHILDREN.

CONTAINER DISPOSAL: Triple rinse container and discard according to local regulations.

CAS NUMBERS: Water 7732-18-5; Polyphosphates 68915-31-1/7320-34-5/2809-21-4

HMIS RATING: Health-1 Flammability-0 Reactivity-0; Personal Protection-B.

DOT:NON- HAZARDOUS

UN:NON-HAZARDOUS

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