



AmSolv®

Total Water Management

AmGuard 122K™

Industrial Water Treatment Compound
Hot Loop Corrosion & Scale Inhibitor

DESCRIPTION: AmGuard 122K™ is a concentrated corrosion inhibitor formulated for use in hot water boilers and hot closed loop recirculating water systems.

ADVANTAGES: AmGuard 122K™ is designed to prevent scaling and corrosion of both iron and copper surfaces, and will disperse undesirable contaminants in the system. AmGuard 122K™ contains no acids or heavy metals such as chrome or zinc.

USDA: AmGuard 122K™ is acceptable for treating boilers, steam lines, and/or cooling systems where neither the treated water nor the steam produced may contact edible products in official establishments operating under the Federal meat, poultry, shell egg grading, and egg products inspection programs.

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.

AmGuard 122K™ should be fed to a clean closed system at an initial rate of 4 gallons per 1,000 gallons (4000 ppm) of system water, Subsequent additions should be made at the rate of 2 gallons per 1000 gallons (2000 ppm) of system water loss. It should be fed directly to the recirculating loop by means of a bypass(pot) feeder or chemical injection pump. Control the product feedrate by maintaining an orthophosphate residual of 10-20 ppm, and sulfite residual of 20-40 ppm.

DANGER: Contains potassium hydroxide and sodium sulfite. Corrosive. May cause burns. Avoid contact with eyes and mucous membranes or prolonged contact with skin. If eye contact occurs, flush with water for 15 minutes. Get prompt medical attention. If skin contact occurs, remove contaminated clothing. Flush area with water then wash with vinegar. If irritation persists, consult a physician. Harmful if swallowed. Do not take internally. If swallowed, do not induce vomiting. Drink several glasses of water followed by citrus fruit juice. Call physician immediately. Apply this product only as specified on this label. KEEP OUT OF REACH OF CHILDREN.

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

CAS NUMBERS: Water 7732-18-5; Potassium Hydroxide 1310-58-3; Sodium Sulfite 7757-83-7; Tetrapotassium Pyrophosphate 7320-34-5; Sodium Polyacrylate Solution 9003-01-4

HMIS RATING: : Health-2; Flammability-0; Reactivity-0; Personal Protection-B.

DOT: CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., 8 **UN:**3266

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