



# AmSolv<sup>®</sup>

Total Water Management

## AmSperce 5320

Industrial Water Treatment Compound  
Polymeric Boiler Water Scale Inhibitor

**DESCRIPTION:** AmGuard™ 5320 is a concentrated “polymer cycle” scale inhibitor treatment system for steam boilers. It is designed to provide protection from scaling in all types of steam boilers operating at pressures up to 850 psig where feedwater hardness is low or high.

**ADVANTAGES:** AmGuard™ 5320 is a proprietary “polymer cycle” scale inhibitor for boilers. It is very effective in controlling boiler scaling and fouling. It can also provide “on line” clean up of carbonate and phosphate scale, iron and other mineral deposits in the boiler drum, tubes and heat exchanger surfaces. AmGuard™ 5320 is a special blend of organic dispersants, polymers and crystal modifiers. With proper usage, it will inhibit scale formation by modifying and dispersing undesirable metal ions such as calcium, magnesium, iron and copper, thereby preventing their deposition. It offers greater flexibility in application and dosage when compared to a phosphate or chelant cycle treatment program. AmGuard™ 5320 offers outstanding “on line” clean up performance when used alone, or with phosphate, carbonate or “chelant cycle” treatment programs.

**DIRECTIONS: NOTE:** When using this product, PROTECT FACE (especially eyes) by using full face shield or cup-type chemical goggles, AND OTHER PORTIONS OF BODY by using rubber gloves, rubber boots and rubber aprons. Use with adequate ventilation. AmGuard™ 5320 must be used with separate oxygen scavengers, corrosion inhibitors and condensate line corrosion control treatment. It should be fed to the boiler feedwater tank or line directly from the shipping container by means of a metering chemical injection pump. Specific dosages will vary depending upon feed water quality. Normal dosage rates will range from 100 to 200 ppm of boiler water blowdown volume in properly operating systems.

**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; Acrylic Terpolymer (Trade Secret); Potassium Hydroxide 1310-58-3; Phosphonate 6419-19-8.

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

**DOT:** UN:

**WB-5320**  
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