



# AmSolv<sup>®</sup>

Total Water Management

## AmGuard 7820

Industrial Water Treatment Compound  
Oxygen Scavenger

**AmGuard™ 7820** is a volatile liquid, catalyzed solution of diethylhydroxylamine (DEHA). It is used to remove dissolved oxygen from boiler, closed loop, and other industrial waters. It minimizes oxygen pitting and corrosion potential. **AmGuard™ 7820** is designed for use in many types of steam or hot water boiler systems.

**ADVANTAGES:** **AmGuard™ 7820** is an all organic formula designed to replace hydrazine as an oxygen scavenger in boiler systems. It is very efficient in its removal of dissolved oxygen from industrial boiler and process water, with reaction times that are substantially faster than hydrazine. It does not contribute TDS to boiler water. It can easily be controlled by simple analytical procedures. **AmGuard™ 7820** can be used to effectively remove oxygen from steam systems operating at pressures up to 850 psig.

**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. **AmGuard™ 7820** should be fed to the boiler DA or feedwater tank by means of a metering chemical injection pump. It may be fed directly from the shipping container, or from a chemical mixing tank, where it may be mixed with scale and corrosion inhibitors and condensate line treatment. These products may alternatively be fed directly from their shipping containers by means of separate metering chemical injection pumps. **AmGuard™ 7820** should be fed to closed recirculating loops and industrial waters by means of a pot feeder or injection pump. Control the product by maintaining a DEHA residual of 0.5 to 1.0 ppm in boiler waters.

**WARNING:** Contains diethylhydroxylamine. Extremely flammable. Use only in a well ventilated area. Do not use near heat, sparks, open flame or other sources of ignition. Do not smoke in use area. Eye and skin irritant. Avoid contact with skin and eyes. If eye contact occurs, flush with water for 15 minutes. If irritation persists, consult a physician. If skin contact occurs, remove contaminated clothing. Wash with soap and warm water. If irritation persists, consult a physician. Do not ingest. If this should occur, drink large volumes of water and seek medical attention. KEEP OUT OF REACH OF CHILDREN.

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

**CAS NUMBERS:** Water 7732-18-5; Diethylhydroxylamine 3710-84-7

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

**DOT:** UN:

**WB-7820**  
07/05