



CARUS™ 450

Water Treatment Chemical

CARUS™ 450 water treatment chemical is an effective corrosion inhibitor for use in potable and industrial water systems. The product is an alkaline liquid concentrate of exceptional purity, clarity, and stability. It is manufactured with the highest quality phosphates for better corrosion control.

BENEFITS OF CARUS™ 450 WATER TREATMENT CHEMICAL

- Forms a stable, evenly distributed film on the inside of distribution piping and metal surfaces, providing for effective corrosion control.
- Inhibits corrosion of steel distribution system water lines, iron and galvanized piping, and lead and copper plumbing.
- Decreases iron tuberculation, which can extend the life of the distribution system.
- Lowers lead and copper levels in the delivered potable water by inhibiting corrosion in the water system.
- Minimizes the occurrence of microbial-influenced corrosion, providing longer system life.
- Reduces chlorine demand and improves disinfection by inhibiting iron and manganese.
- Saves money by reducing corrosion and scale, lowering chlorine demand, and decreasing hydrant flushing, leaks, and failures.

PROPERTIES AND CERTIFICATIONS

- Clear liquid
- Viscosity: < 2 cps at 70° F
- Totally soluble and freeze/thaw stable
- Freezing Point: < 10° F
- Shelf Life: 1 year at room temp.
- Specific Gravity: 1.47-1.55
- NSF Maximum Feed Rate: 30 mg/L
- pH (1% solution): ≥10.0
- Weight: 12.2 –13.0 lbs. per gallon
- Certified to ANSI/NSF Standard 60

SHIPPING AND HANDLING

CARUS™ 450 water treatment chemical is packaged in 5-, 15-, 30-, 55- and 275-gallon containers and is also available in bulk quantities. The product is shipped in safety-sealed, food-grade containers or certified tankers. Each container is identified by a lot number. Avoid contact with eyes, skin, and clothing. For complete information, please refer to the Material Safety Data Sheet (MSDS) for this product.

APPLICATION

CARUS™ 450 water treatment chemical is applied using a chemical metering pump. In most applications, the product is fed as a concentrate without the necessity of dilution. For dosage rates or answers to technical questions, please call Carus Chemical Company (800) 435-6856.

The information contained herein is accurate to the best of our knowledge. However, data, safety standards and government regulations are subject to change; and the conditions of handling, use or misuse of the product are beyond our control. Carus Chemical Company makes no warranty, either express or implied, including any warranties of merchantability and fitness for a particular purpose. Carus also disclaims all liability for reliance on the completeness or confirming accuracy of any information included herein. Users should satisfy themselves that they are aware of all current data relevant to their particular uses.

