



CARUS EUROPE

AQUA MAG® 9250 BLENDED PHOSPHATE

Municipal Drinking Water Data Sheet

AQUA MAG 9250 blended phosphate is a premier sequestering agent and corrosion inhibitor for use in potable and industrial water systems. The product is a dry blend which is readily soluble in water. AQUA MAG 9250 utilizes the highest quality phosphates for better sequestration and corrosion control.

BENEFITS OF AQUA MAG 9250

- Decreases iron tuberculation to extend the life of the distribution system
- Minimizes the occurrence of microbial-influenced corrosion providing longer life system
- Controls iron and manganese minimizing rusty and dirty water in the system
- Reduces discoloration, staining, and mineral build-up resulting in fewer customer complaints
- Lowers chlorine consumption controlling biofilm regrowth and improving disinfection in the distribution system
- Diminishes calcium scale deposits typically seen in hot water lines and heaters
- Saves money by reducing corrosion and scale, lowering chlorine demand and decreasing hydrant flushing, leaks, and failures

PROPERTIES & CERTIFICATIONS

Description:	White powder
pH, (1% w:w):	1.5 - 6.2
Bulk Density:	68 lbs./sf ³
NSF Maximum Feed Rate:	11 mg/L
NSF/ANSI Standard:	11 mg/L
Shelf Life:	1 Year
Halal Approved	

HANDLING & STORAGE

AQUA MAG 9250 blended phosphate should be handled with care. Wear proper protective equipment including goggles, face shield, apron, respirator, and proper gloves when handling this product.

- Carus recommends sizing dry phosphate day tanks to consume a full package size.
- Carus recommends a dry phosphate to water ratio of 1-2 pounds per gallon of water.
- Carus recommends blending dry phosphate in a day tank with feed water temperature 50°F or above. Mixing with water temperatures below the recommendation may cause solutions to become cloudy and/or longer mixing times.

AQUA MAG 9250 blended phosphate has a shelf-life of 1 year (sealed bags), 2.5 years (sealed pails) when stored and handled properly. To ensure the product retains its physical and chemical properties, Carus recommends it should be stored in its original sealed closed container in a cool, dry, temperature-controlled area set off the floor. Protect containers from physical damage. In case of accidental release: contain spill by collecting the liquid in a pit or holding behind a dam (sand or soil). Absorb with inert media and dispose of properly. Disposal of all materials shall be in full and strict compliance with federal, state, and local regulations. **Consult the Safety Data Sheet (SDS) for additional safety information.**

COMPATIBILITY INFORMATION

AQUA MAG 9250 blended phosphate can be stored in high-medium density polyethylene, cross-linked polyethylene, fiberglass reinforced plastic, 316 stainless steel, glass and lined/epoxy lined steel tanks. Piping materials may include schedule 80 PVC/CPVC piping, clear PVC, and white polyethylene tubing.

Pump materials may include ceramic, Teflon™, Viton™, Hypalon, and PVC liquid end pump materials.



SHIPPING

AQUA MAG® 9250 blended phosphate is not regulated by the US Department of Transportation, Canada TDG, UN, IMDG, IATA regulations.

SHIPPING CONTAINERS

50 lbs. (22.7 kg) Polyethylene bag or multi wall paper bag. The net weight is 50 lbs. (22.7 kg). Polyethylene bag made of polyethylene valve bag with a tuck sleeve. Multi-wall paper bag is water resistant.

50 lbs. (22.7 kg) Pail with handle, made of HDPE, weighs 3.1lbs. (1.41 kg). It is tapered to allow nested storage of empty pails, stands approximately 15.5 inches (39.4 cm) high and has a maximum diameter of 12 inches (30.5 cm).
The net weight is 50 lbs. (22.7 kg).

Other containers may be available.

Contact Carus (800) 435-6856 for details.

CARUS VALUE ADDED

LABORATORY SUPPORT

Carus has technical assistance available to answer questions, evaluate treatment alternatives, and perform laboratory testing. Our laboratory capabilities include: consulting, treatability studies, feasibility studies, and analytical services.

FIELD SERVICES

As an integral part of our technical support, Carus provides extensive on-site treatment assistance. We offer full application services, including technical expertise, supervision, testing, and installation in order to accomplish a successful evaluation and/or application.

CARUS

During its more than 100 year history, Carus' ongoing emphasis on research and development, technical support, and customer service has enabled the company to become the world leader in permanganate, manganese, oxidation, and base-metal catalyst technologies.



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Driving Safety & Sustainability

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