



AQUADENE® SK-7641 BLENDED PHOSPHATE

Municipal Drinking Water Data Sheet

AQUADENE® SK-7641 blended phosphate is a water soluble liquid, specifically formulated to control a multitude of problems in water applications. This unique formulation has proven to be beneficial in controlling lead leaching and is an effective corrosion inhibitor for use in multi-metal systems. The blended phosphate compounds are engineered to resist reversion, ensuring that the product remains active throughout a municipal distribution system.

BENEFITS OF AQUADENE SK-7641

- Decreases iron tuberculation to extend the life of the distribution system
- Minimizes the occurrence of microbial-influenced corrosion providing longer life for the 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, decreasing hydrant flushing, leaks, and failures

HANDLING & STORAGE

AQUADENE SK-7641 should be handled with care. Wear proper personal protective equipment for your application which can include safety glasses, goggles, face shield, apron, respirator, and proper gloves when handling this product.

AQUADENE SK-7641 has a shelf-life of 1 year when stored and handled properly. Protect containers from physical damage. Store in a cool, dry, temperature controlled area in closed containers set off the floor. Store inside a heated building and off the floor for best storage conditions at your facility. Exposure to temperature <38°F (3°C) may cause the product to increase in viscosity. It may become cloudy and/or freeze. In case of accidental release: contain spill by collecting the liquid in a pit or holding area 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.

PROPERTIES & CERTIFICATIONS

Description:	Clear homogeneous liquid
Specific Gravity:	1.33-1.39
pH, 1% Solution:	5.9-6.9
NSF Maximum Feed Rate:	19 mg/L
NSF/ANSI Standard:	60
Shelf Life:	1 Year



Certified to NSF/ANSI/CAN 60

Consult the Safety Data Sheet (SDS) for additional safety information.

COMPATIBILITY INFORMATION

AQUADENE SK-7641 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.

Metering equipment can include diaphragm and peristaltic type metering pumps and other pumps meeting compatibility requirements.





SHIPPING

AQUADENE® SK-7641 blended phosphate is not regulated by US DOT, Canada TDG, UN, IMDG, IATA regulations.

SHIPPING CONTAINERS

5 gallon (57 lb.) Jerrican

Made of high density polyethylene (HDPE).

Weighs 3.31 lbs. (1.5 kg).

The net weight is 57 lbs. (26.3 kg).

30 gallon (340 lb.) Drum

Made of high density polyethylene (HDPE).

Weighs 12.2 lbs. (5.5 kg).

The net weight is 340 lbs. (156.5 kg).

55 gallon (624 lb.) Drum

Made of high density polyethylene (HDPE).

Weighs 20.5 lbs. (9.3 kg).

The net weight is 624 lbs. (287 kg).

275 gallon (3119 lb.) IBC (Intermediate Bulk Container)

The IBC has a 2 inch (5.08 cm) butterfly valve with NPT threads in bottom sump. Weighs 123.2 lbs. (55.9 kg).

The net weight is 3119 lbs. (1434.5 kg).

Bulk Quantities up to 3500 gallons are available.

Other containers may be available.

Contact Carus at (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 feed equipment design 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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Rev. 2/2025