



Weas Engineering Product Data Sheet



Sanus P-100

Weas Engineering's P-100 product is one of the main pillars of our Sanus potable drinking water treatment platform. It provides exceptional corrosion control and hardness sequestration for potable water and is also effective in industrial water systems. By applying our optimized blend of phosphates, this product will ensure longer equipment life while also adhering to ANSI Standard 60 for water treatment chemicals. This is a preferred potable water treatment for water systems with calcium hardness concentrations greater than 25 ppm as CaCO₃.

Product Benefits

- Effective corrosion protection for steel distribution lines, iron and galvanized piping, and lead and copper plumbing
- Inhibits lead and copper leaching, resulting in reduced metals levels in the potable water
- Minimizes the occurrence of microbial-induced corrosion
- Controls iron and manganese minimizing rusty and dirty water
- Reduces discoloration, staining, and mineral build-up resulting in fewer customer complaints
- Reduces calcium scale typically observed in hot water lines and heaters
- Achieves operating cost savings through corrosion and scale reduction, lower chlorine demand, and decreasing hydrant flushing, leaks, and failures

Methods of Application

Sanus P-100 treatment addition should be made using automation to the incoming water stream based on the flow rate through a quill to feed it away from metal surfaces. Treatment dosage will be site-specific dependent on water quality and application.

Packaging and Handling

Sanus P-100 should be handled with care. Wear proper personal protective equipment as indicated on the SDS when handling this product.

Protect containers from physical damage. Store in a cool dry place in closed containers. 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 SDS for additional safety and handling information.

Typical Product Characteristics

Description:	Clean Homogenous liquid
Specific Gravity:	1.35-1.41
pH (1% w:w)	5.7+/- 0.5
Freeze Point:	Do not freeze
NSF Maximum Feed Rate:	18 mg/L
Certified to NSF/ANSI Standard 60	