

Zerust® AxxaVis™ HST-10

Use Zerust®/Excor® AxxaVis™ HST-10 to treat hard water and deactivate chlorides. Add product to tap water to make it suitable for hydrostatic test processes conducted on pressure vessels such as pipes, heat exchangers, storage tanks and ship voids.

Zerust AxxaVis HST-10 powder additive deactivates ionic contaminants found in municipal water sources that cause rust and hard water deposits on metals. AxxaVis HST-10 is a highly effective way to protect the interior surfaces of pressure vessels from corrosion that can rapidly form during and after hydrostatic-testing. Designed for use on ferrous metals. Not compatible with aluminum. Test before use on copper, brass or zinc.

AxxaVis HST-10 is designed to be safe, convenient to use and environmentally friendly.* Used product can be analyzed for quality and in some cases reused. Disposing of spent Zerust AxxaVis HST-10 working fluid into soil may be an option in your area. Check with your Zerust/Excor representative for an operating guide with information on reuse and disposal. Always check local, state and national regulations before disposal.

Application Example

Pressure vessels such as pipelines can be filled during leak testing with water treated by AxxaVis HST-10 to prevent rust and scale caused by ionic contaminants.



Benefits

- Deactivates ionic contaminants
- Facilitates use of hard water
- Prevents rust and scale
- Can be tested for quality and reused
- Safe and non-hazardous*

Application Type

Testing
Work in progress

*Safe to use and handle. Product is not hazardous for people or the environment according to EU (CLP) or OSHA HazCom 2012 (US GHS).



Specifications

Product Information Zerust®/Excior® AxxaVis™ HST-10 is a water-soluble white, granular powder additive.

Dosage 25 lbs treats 150-600 gal depending on water quality. Used product may be tested for quality and reused. Check with your Zerust representative on guidelines for reuse.

Storage Store tightly sealed in original packaging in a cool, dry place and away from sunlight for up to 1 year from the date of shipment.

Disposal Check with local, state and national regulatory agencies on permit requirements before disposal. Disposing of spent fluid in soil may be an option. Soil spike test (EPA Method 1644) conducted at 20 g/L water in 1 kg of soil, showed No Observable Effect Concentration (NOEC).

Protected Metal Types For use on ferrous metals. Not compatible with aluminum. Test before use on copper, brass or zinc.

Dosage Instructions

Condition of Water*	Add Rate per liter (1000 g) of water	For 5 gal (41.65 lbs) of water	For 55 gal (458.15 lbs) of water
60 ppm Cl- 300 ppm CaCO ₃	5 g	0.21 lbs (95 g)	2.30 lbs (1,043 g)
90 ppm Cl- 450 ppm CaCO ₃	7.5 g	0.32 lbs (142.5 g)	3.45 lbs (1,565 g)
120 ppm Cl- 600 ppm CaCO ₃	10 g	0.42 lbs (190 g)	4.60 lbs (2,086 g)
240 ppm Cl- 1200 ppm CaCO ₃	20 g	0.84 lbs (380 g)	9.20 lb (4,172 g)

* For ionic contaminant levels above these amounts, consult the Zerust technical team.

Warranty and Disclaimer Information: We guarantee our products conform to documented quality specifications. All statement, technical information and recommendations contained herein are based on testing and experiences NTIC believes to be reliable, but the accuracy or completeness thereof is not guaranteed. Product information subject to change without notice. We make no warranty of any kind expressed or implied as to the effects of use (including, but not limited to, damage or injury). For full warranty and disclaimer information visit, www.zerust.com/warranty.

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Availability

Part Number	Quantity
460-M-00002CA	25 lb (11.3 kg) case
460-M-00002SU	1200 lb (544 kg) sack

Health and Safety

- Safe to use and handle. Product is not hazardous for people or the environment according to EU (CLP) or OSHA HazCom 2012 (US GHS).
- Product is nitrite-free. Manufactured on shared equipment that processes nitrites and may contain trace amounts.

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