

## ZERUST® AxxaVis™ HST-10

Use ZERUST®/EXCOR® AxxaVis™ HST-10 to treat water and deactivate chlorides. Add product to 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 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 and may be used in conjunction with ZERUST® Axxatec™ CC-100 additive for applications containing copper and brass. **Warning:** Not compatible with aluminum.

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. Spent ZERUST® AxxaVis™ HST-10 working fluid may be discharged into the soil or marine environments (subject to normal legislative restrictions). 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).



## Product Information

**Description** ZERUST®/EXCOR® 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 the original packaging in a cool, dry place and away from sunlight for up to 2 years from the date of shipment.

**Disposal** Check with local, state, and national regulatory agencies on permit requirements before disposal. Spent fluid may be discharged in soil or marine environments (subject to normal legislative restrictions). 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. It may be used in conjunction with ZERUST® Axxatec™ CC-100 additive, added at 0.2% v/v - 1.5% v/v for applications containing brass and copper. **Warning:** Not compatible with aluminum.

## 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 <sub>3</sub>	5 g	0.21 lbs (95 g)	2.30 lbs (1,043 g)
90 ppm Cl- 450 ppm CaCO <sub>3</sub>	7.5 g	0.32 lbs (142.5 g)	3.45 lbs (1,565 g)
120 ppm Cl- 600 ppm CaCO <sub>3</sub>	10 g	0.42 lbs (190 g)	4.60 lbs (2,086 g)
240 ppm Cl- 1200 ppm CaCO <sub>3</sub>	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.

### DECLARATION

This Data sheet and information it contains is considered to be accurate at the date of printing. No representation or warranty, expressed or implied is made as to the accuracy or completeness of the data and information contained in this publication. It is the User's obligation to evaluate and use products safely and within the scope advised in the data sheet and to comply with all applicable laws and regulations.

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## Availability

ZERUST®/EXCOR® AxxaVis™ HST-10 is sold as a concentrate. Large volume quantities and pricing are available upon request.

Part Number	Quantity*
460-M-00002CA	25 lb (11.3 kg) case
460-M-00002SU	800 lb (362.9 kg) sack

\*Product sold in US customary units. Metric units approximate.

## Disclosures

- Not compatible with aluminum
- Not compatible with brass and copper unless used in conjunction with ZERUST® Axxatec™ CC-100 additive (added at 0.2% v/v - 1.5% v/v)

## 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).
- The product is nitrite-free. However, it's manufactured on shared equipment that processes nitrites and may contain trace amounts.

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