

## 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. 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. Spent Zerust® AxxaVis™ HST-10 working fluid may be discharged into 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).



## Specifications

**Product Information** 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 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. 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 <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

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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