

AxxaVis™ PX-05-AN

Technical Data Sheet

ZERUST[®]/EXCOR[®] AxxaVis™ PX-05-AN is a powder that, when added to rinse water, enables it to neutralize acids left by cleaning processes. Add AxxaVis™ PX-05-AN to water used as a final rinse to control flash corrosion on metals caused by acidic cleaning treatments, such as acid pickling and ZERUST[®] AxxaClean™ rust removal products. A solution of AxxaVis™ PX-05-AN reduces flash corrosion caused by issues from acids, especially on highly reactive surfaces such as cast iron.

To use, dilute AxxaVis™ PX-05-AN in deionized water. When using tap sources, pretreat water with ZERUST[®] AxxaVis™ PX-10-HRD. Spray or dip freshly cleaned parts in the AxxaVis™ PX-05-AN water solution and rapidly dry. Place items into ZERUST[®] Vapor Corrosion Inhibitor (VCI) packaging or coat with ZERUST[®] rust preventatives for extended corrosion protection during shipping or storage. AxxaVis™ PX-05-AN does not contain solvent, is non-flammable, complies with Global Automotive Declarable Substance, TSCA, ECHA SVHC, RoHS, and REACH requirements, and is environmentally friendly.

For over 50 years, beginning with the invention of Vapor Corrosion Inhibiting (VCI) film packaging, ZERUST[®] has led the market in quality corrosion solution products. We are dedicated to providing expert corrosion management services and broadening the range of corrosion solutions for our customers. In addition, ZERUST[®] users have access to on-site support from ZERUST[®]/EXCOR[®] representatives in more than 70 countries. As a result, our customers have peace of mind when they choose ZERUST[®] for corrosion control management.

Typical Properties

Appearance	White powder
Substrates	Ferrous protection and multimetal compatible. Not recommended for extended exposure to aluminum.
pH (1 % solution)	9.75 – 10

This data sheet provides general guidelines for operation, application, and removal. Please contact your ZERUST[®]/EXCOR[®] account representative for more specific recommendations on your particular operation and conditions.

Operating Summary

- Dilute between 1 – 10% in water.
- Typical application temperature: ambient in most operations.
- Deionized or reverse osmosis water is recommended for bath makeup and rinsing to improve bath life and reduce corrosion potential.
- For water with a hardness above 100 ppm, pretreat with ZERUST[®] AxxaVis™ PX-10-HRD.

Application Technologies

- Can be used in immersion and spray processes.

Availability

ZERUST[®]/EXCOR[®] AxxaVis™ PX-05-AN is sold as a powder additive. Contact your ZERUST[®]/EXCOR[®] representative for ordering information.

Part Number	Quantity*
460-F-00005	25 lb. (11.3 kg) case

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

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product information
and photos

Storage

- Store in a cool, dry place and away from sunlight in the original packaging.
- Optimal storage temperature is < 85°F (29°C) and 50% RH for up to 2 years from the date of shipment.
- Reseal or close the case or sack after each use.

Disposal

- Check with local, state, and national regulatory agencies on permit requirements before disposal.

Precautions

- Safe to use and handle. Product is not hazardous for people or the environment according to EU (CLP) or OSHA HazCom 2012 (US GHS).
- Avoid contact with eyes and skin.
- Provide adequate ventilation and minimize exposure to dust.
- Do not breathe dust.
- Wear personal protective equipment as stipulated in the Safety Data Sheet (SDS).
- Refer to SDS for more safety information.

‡ DECLARATION

Corrosion protection claims are based on Northern Technologies International Corporation (NTIC) internal laboratory testing performed under controlled parameters on contaminate-free substrates. Real-world application corrosion protection duration on different substrates will vary and depends on factors such as, but not limited to, the application or use, environmental / storage conditions, surface cleanliness, type of substrates, and coating thickness (where applicable). The use of the term "Up to" in reference to time is defined as any time duration from zero up to a specified time frame, but in no event beyond the specified time frame. The use of the term "for years" is based on NTIC's experience with its products but is in no way guaranteed. The use of the term "Up to" in reference to volume is defined as any volume from zero up to a specified volume but in no event beyond the specified volume of protection. It is the customer's / user's obligation to evaluate product performance, corrosion protection duration, safety, and suitability for intended use within the scope advised in the data sheet and to comply with all applicable laws and regulations. **LIMITED WARRANTY/DISCLAIMER** Warranty is limited to the replacement of a product that fails to meet specifications. For full warranty and disclaimer information, visit www.zerust.com/warranty.

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Rev A

