

## ✓ ZERUST® Axxatec™ 80C

ZERUST® Axxatec™ 80C is a water-based rust-preventative liquid that protects ferrous metals for months<sup>†</sup> under shelter. It can be applied by spray, brush, or dip and leaves a clear, dry-to-the-touch protective coating. Safe for painted, rubber and plastic materials.

ZERUST® Axxatec™ 80C is a water-based rust-preventative liquid concentrate that may be diluted from 2% to 7.5% per application. This aqueous-based corrosion inhibitor system protects ferrous metals via proven ZERUST® Integrated Corrosion Technologies (ICT®). Use Axxatec™ 80C to protect bare ferrous metals such as cast iron, steel, and its alloys during shipping, storage, and assembly.

Axxatec™ 80C forms a clear, thin, dry-to-the-touch coating and is safe for use on painted surfaces, rubber seals, and plastics. It provides short-term (for months<sup>†</sup>-depending on concentration) indoor protection or in plain packaging and protects for years<sup>†</sup> in hermetically sealed spaces or ZERUST® VCI packaging. Axxatec™ 80C is designed for use on ferrous metals but may provide some protection to other metals such as aluminum, copper, brass, and nickel alloys, etc. Test before use on non-ferrous metals.

### Application Example

A solution of Axxatec™ 80C is ideal for use with in-line spray or dip applications. The addition rate can be adjusted for a protection period, depending on the project requirements.



### ▶ Benefits

Forms a clear, dry-to-the-touch, hydrophobic film

Concentrated formula reduces shipping costs and allows for customized dilutable protection

Safe for painted, rubber and plastic materials.

Easy to apply and remove

Non-hazardous\*

### Application Type

Storage  
Shipping  
During Operation  
May be used with ZERUST® VCI packaging

\*Non-Hazardous Disposal: Product in unopened original container prior to use is non-hazardous waste in the United States according to 40 CFR 261 (no components listed on F, K, P or U lists; not ignitable, not corrosive, not reactive and not toxic).



Use Axxatec™ 80C for crystal clear water-based protection.

## Technical Data

<b>Product Info</b>	Water-based rust preventative liquid concentrate.	
<b>Application</b>	Apply via immersion, brush, or spray	
See Axxatec™ 80C Operating Guide for detailed use and maintenance instructions.	Application temperature	68 - 104°F (20 - 40°C)
	Immersion dwell time	45 - 120 seconds
	Drip time	0 - 15 mins
	Dry time @ ambient temp	45 - 60 mins
	Dilution (by volume)	2 - 7.5% (Dilute with DI water)
	Viscosity @ 71°F (21°C)	650 cps (#63 spindle) @100 rpm

<b>Properties</b>	Appearance	Amber liquid
	Surface finish	Clear, dry to touch
	Removability	Alkaline cleaner
	VOC content concentrate	<35%
	Freeze point	32°F (0°C)
	Flashpoint	Not applicable
	pH	Approx. 8 - 9

<b>Protection Info†</b>	Indoor (unpackaged)†	For months† (depending on concentration)
	Outdoor	Not recommended
	Closed System†	Up to 1 year†
	VCI Packaging/hermetically sealed†	For years†
	Metal types	Ferrous protection, multimetal compatible, not safe for galvanized

**Storage** Store in a cool 34 - 104°F (1 - 40°C), dry place and away from sunlight in original packaging for up to 2 years from the date of shipment.

### † 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](http://www.zerust.com/warranty).

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## Availability

ZERUST® Axxatec™ 80C is sold as a concentrate. Large quantity pricing is available upon request.

Part Number	Quantity*
350-F-00005PL	5 Gal (19 L)
350-F-00005DR	55 Gal (208 L)

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

## Disposal

Dispose of in accordance with local, national, and international regulations.

## Precautions

- Remove before painting.
- Not for use on galvanized metals.
- Test before use on yellow metals.
- Do not place metals in direct contact with cardboard packaging or wood.
- Product foams when used in spray mode. Contact your ZERUST®/EXCOR® representative for recommendations for suitable defoaming agents.

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