

▶ Zerust® Axxatec™ 85-F

Zerust®/Excor® Axxatec™ 85-F combines the power of a water-based rust preventative with Zerust® Vapor Corrosion Inhibitors (VCIs) to protect ferrous metals. It provides foggable rust protection to surfaces within the void spaces of tanks, packages and enclosures.

Zerust/Excor Axxatec 85-F is a foggable aqueous-based rust preventative liquid. It protects ferrous metals via contact inhibitors and proven Zerust VCI (Vapor Corrosion Inhibitor) technology. Zerust VCI molecules migrate to provide protection on even hard to reach areas within an enclosed space. It forms a clear, thin, dry-to-touch coating and is safe for use on painted surfaces, rubber seals, and plastics. Not for use on metals other than ferrous. For multimetal compatible solutions, check with your Zerust representative.

Use Axxatec 85-F for corrosion protection during assembly, shipping and storage. The product comes ready to use and can be applied by fogging or pressurized spray. It is ideal for fogging into CKDs (Complete Knock-Down Kits) or packages that contain components with voids and chambers. To gain the benefit of the VCI, use in a tightly sealed foggable enclosure or void. Axxatec 85-F provides one year protection indoors or in plain packaging and up to 5 years in hermetically sealed spaces or Zerust/Excor VCI packaging.

Application Example

The interior surfaces and exterior of new boilers were protected with Zerust Axxatec 85-F during shipping and storage. Product arrived rust-free and ready to be used.



▶ Benefits

Water-based RP with VCI

Ready to use, easy to apply

Foggable VCI protects hard to reach crevices and voids

Creates a clear, dry-to-touch protective film

Safe for painted surfaces

Application Type

Storage

Shipping

During Operation

May be used with Zerust VCI packaging



Typical Application Examples

Technical Data

Product Info	Ready to use water-based VCI rust preventative liquid.	
Application	Apply via immersion, brush, spray or fogging.	
	Application temperature	50 to 90°F (10 to 32°C)
	Immersion dwell time	< 30 s
	Drip time	0 - 15 Min.
	Dry time	30 mins
	Dosage	195 mL/ 1 m ³
	Coverage	1250 ft ² /gal (29 m ² /L)
	Thickness (varies by method)	0.25-0.5 mil (6 - 12 μm)
Properties	Appearance	Amber liquid
	Surface finish	Clear, dry to touch
	Removability	Alkaline cleaner
	VOC content	<20%
	Freeze and flash point	32° to 140°F (0° to 62°C)
	pH	Approx. 8 - 9
	Viscosity @ 70°F (21°C)	1.01 cps (#2 spindle) @ 100 rpm
	Corrosion protection tests	VCI Jar test, humidity chamber
Protection Info	Indoors	Up to 1 year
	Outdoor	Not recommended
	Packaging/hermetically sealed	Up to 5 years
	Metal types	Ferrous protection only
Storage	Temp	50 to 90°F (10 to 32°C)
	Duration	Up to 2 years
Disposal	Dispose of in accordance with local, national and international regulations.	

Precautions

- Do not use on aluminum, zinc, galvanized steel, or yellow metals.
- Remove before painting.
- Store tightly closed to preserve VCI effectiveness.
- Do not place treated metals in direct contact with cardboard packaging or wood.

Health and Safety

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).

Availability

Zerust®/Excor® Axxatec™ 85-F is sold as a ready-to-use liquid product.

Part Number	Qty
350-F-00009PL	5 Gal
350-F-00009DR	55 Gal

Warranty and Disclaimer Information: We guarantee our products conform to documented quality specifications. 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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