



## ZERUST® Axxatec™ 87-MW3 VCI RP

ZERUST®/EXCOR® Axxatec™ 87-MW3 is a winterized foggable aqueous-based rust preventative liquid product that offers a lower freezing point for cold weather application.

ZERUST®/EXCOR® Axxatec™ 87-MW3 protects ferrous, and aluminum metals via contact inhibitors and proven ZERUST® Vapor Corrosion Inhibitor (VCI) technology and is compatible with most yellow metals (copper, brass, bronze, etc.) ZERUST® VCI molecules migrate to provide protection on even hard-to-reach areas within an enclosed space. It forms a clear, thin coating and is safe for use on most rubber seals and plastics.

Use Axxatec™ 87-MW3 to protect bare metal surfaces and void spaces 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 complex machine assemblies or components with voids and chambers. To gain the benefit of the VCI, use it in a tightly sealed, foggable enclosure or void. Axxatec™ 87-MW3 provides 1 year of protection in plain packaging and up to 5 years in hermetically sealed spaces or ZERUST® VCI packaging.

### Application Example

Manufacturing equipment is enclosed in ferrous VCI film, and then the interior is fogged with Axxatec™ 87-MW3 to prevent the product from freezing during the cold weather application.



### Benefits

Winterized water-based RP with VCI

Leaves a clear coating

Ready to use, easy to apply

Foggable VCI protects hard-to-reach surfaces in crevices and voids

May be used with multiple metal types

### Application Type

Storage

Mothballing and Long-term storage

Shipping

May be used with poly packaging

\*Non-Hazardous Disposal: Product in an 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).

## Technical Data

**Product Information** Ready to use water-based VCI rust preventative liquid.

**Application** Apply via spray or fog.  
Contact a technical representative for other application methods. Application temperature -76 to 120°F (-60 to 49°C)  
Dosage 0.2 fl oz/ft<sup>3</sup> (195 mL/1 m<sup>3</sup>)  
Removal Alkaline cleaning agent

**Properties** Volatile Content <55%  
Flashpoint >212°F (100°C)  
pH 8 - 9  
Viscosity Water-like  
Density (25°C) 0.95-1.05 g/ml

**Protection Info** Plain Poly Packaging 1 year  
VCI Packaging/hermetically sealed Up to 5 years  
Humidity Chamber ASTM D1735 Exceeds 500 hrs  
VCI Test (NACE TM0208-2013) Pass  
Metal type Ferrous protection only.  
Multimetal compatible.  
Do not use on zinc or galvanized steel. Test before use on yellow metals.

**Storage** Store in a tightly closed container to preserve VCI. Do not freeze. If frozen, allow to thaw and mix thoroughly. Store in a cool, dry place and away from sunlight in original packaging for up to 2 years from the date of shipment.

### 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® Axxatec™ 87-MW3 is sold as a ready-to-use liquid product. Large quantity pricing is available upon request.

Part Number	Quantity*
350-M-00085PL	5 Gal (19 L)
350-M-00085DR	55 Gal (208 L)

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

## Disposal

Collect waste when removing. Dispose of in accordance with local, national, and international regulations. Avoid release into the environment.

## Precautions

- Shake/stir product container before use. Inspect that the product is clear and homogenous before applying.
- Do not reuse product – such as in a circulating spray booth, even when enclosed, as the active VCI component of the product depletes when exposed to air.
- Product has a propensity to foam.
- Do not use for dipping/immersion dip application with an open sump/tank.
- Do not apply the product onto red-hot heated surfaces – such as on surfaces immediately after welding.
- Do not dry surfaces coated with product. Seal enclosure immediately after application.
- Reseal unused, unexposed product in original container immediately after use.
- Do not use on zinc or galvanized steel. Test before use on yellow metals.
- Test before use on painted surfaces.
- Test before use on rubber seals and plastics.
- Remove before painting. Axxatec™ 87-MW3 can be removed with the use of an alkaline cleaning agent.
- Do not place treated metals in direct contact with cardboard packaging or wood.
- Metal may discolor or darken in contact with plastics under very aggressive conditions.

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