

Zerust® Axxanol™ 750 VCI Oil

Zerust®/Excor® Axxanol™ 750 rust preventative oil offers sprayable protection with Vapor Corrosion Inhibitors (VCIs) to metals shipped or stored in enclosed packaging. It provides robust corrosion protection to metal surfaces as well as in hard-to-reach voids, crevices, and chambers.

Do more with time and resources with one product, Zerust® Axxanol™ 750 VCI Oil. It provides comprehensive protection by combining a moisture barrier and contact inhibitor film coating with Zerust® VCI chemistry that migrates to protect voids and crevices. Axxanol™ 750 is designed to be applied by spray, mist or fog and protects steel, cast iron, aluminum, brass and copper for years in applications using packaging.

Axxanol™ 750 leaves a clear, thin, oily film that can be removed with an alkaline cleaner. To protect voids, apply to reachable surfaces by spray, mist or fog and then tightly seal in an enclosure. The VCI protective molecules will saturate and protect within the enclosure. Axxanol™ 750 remains sprayable at sub-zero temperatures of -10°F (-23°C). Please contact your Zerust® representative for more information on how to use Axxanol™ 750 VCI Oil.

Application Example

Axxanol™ 750 protects on contact and saturates the air with vapor corrosion inhibitor protection around coated metals sealed in plain LDPE poly packaging. The product protects crevices, internal surfaces and void spaces.



Benefits

All in one VCI, contact inhibitor, and barrier protection

Sprayable and easy to remove

Protects in hard-to-reach voids and chambers

Multimetal protection

Non-hazardous*

Application Type

Storage
Shipping
During Operation
May be used with Zerust packaging

*Product in unopened original container prior to use does not meet criteria for hazardous waste according to 40 CFR 261 (no components listed on F, K, P or U lists; not ignitable, not corrosive, not reactive and not toxic).



Protect void spaces of metals in inventory storage

Technical Data

Product Information Ready to use oil-based VCI rust preventative liquid. Light amber liquid coating results in a thin, oily, clear, water-barrier film.

Application Apply via spray, mist, or fogging
 Tested on 1010 Steel panels with 20 Ra roughness
 Application temperature -10 to 122°F (-23 to 50°C)
 Coverage (immersion) 1600 ft² (149 m²) per gal
 Usage (spray) 600 ft² (55.8 m²) per gal
 Layer thickness Approx. 1 mil (25 µm)

Properties
 Removability Alkaline cleaner
 VOC content EPA method 24 2.14 Lbs/gal (257 g/L)
 Flash point ASTM D93 176°F (80°C)
 Dynamic Viscosity 30-60cPs@73°F #61, 100RPM

Protection Info
 Indoors For VCI, use in packaging*
 Indoors (w/ VCI Packaging) For years**
 Outdoor Not recommended
 Closed System Up to 3 years
 ASTM D1748 Humidity Meets or exceeds 600 hrs
 ASTM B117 Salt Spray Minimum 40 hrs
 NACE VCI Jar TM0208-2018 Pass
 Metal types Multimetals protection

Storage Store in a cool (50 to 90°F / 10 to 32°C), dry place and away from sunlight in original packaging for up to 2 years from the date of shipment.

* For Axxanol™ 750 protection without VCI see Axxanol™ 750-NV.

** Test before use with PE bags that are in direct contact with the coated surfaces. Sintered and/or cast metal surfaces treated with oil-based products when exposed to hot, humid conditions and in direct contact with the PE bags may potentially have some brownish oil staining.

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® Axxanol™ 750 is sold as a ready-to-use liquid product. Large volume quantities and pricing available upon request.

Part Number	Qty
350-M-00019PL	5 Gal
350-M-00019DR	55 Gal

Non-Hazardous

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

Safety

- Product in unopened original container prior to use does not meet criteria for hazardous waste according to 40 CFR 261 (no components listed on F, K, P or U lists; not ignitable, not corrosive, not reactive and not toxic).

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