



# ZERUST® Zeriol® TL

## Technical Data Sheet

### Product Description

ZERUST® Zeriol® TL is a non-toxic, biodegradable rust-inhibiting compound designed to provide effective corrosion protection for ballast tanks. Its unique formulation allows it to float on ballast water, depositing a protective coating on adjacent tank surfaces during ballasting and de-ballasting operations. This ensures continuous protection against rust and corrosion, extending the lifespan of critical assets while being environmentally friendly.

### Typical Applications

- Ballast tanks
- Cargo holds
- Ship hull interiors
- Water storage tanks
- Offshore platforms
- Floating Production Storage and Offloading (FPSO) units

### Key Advantages

- Non-toxic & biodegradable
- Continuous corrosion protection
- Extends asset lifespan
- Self-distributing formula
- Easy application

### Application Guidelines and Removal\*

Zeriol® TL is ready to use and should be applied undiluted. The initial application should form a one-inch (25.4 mm) floating layer on the water's surface. Severely rusted tanks may require additional volume.

For full tank bottom coverage, drain the tank completely, then pump in Zeriol® TL to create a minimum one-inch layer. Afterward, spray the overhead plates for complete protection.

Introduce any remaining compound through manholes or access hatches. Run three ballasting cycles with a one-hour pause between each. A properly treated tank should retain at least a ¼-inch (6.35 mm) floating layer when nearly full.

To maintain protection, ballast tanks every three months to reapply the compound where corrosion scale has detached.

\*Consult a ZERUST® representative to discuss specific needs.

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product information

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### Typical Properties

Properties**	Details
Appearance	Amber liquid
Odor	Mild Solvent Odor
Flash Point	> 300°F (191°C)

\*\*Typical values are not meant to be a specification.

### Availability

Contact a ZERUST® representative for ordering information.

Product Number	Unit of Measure***
350-X-00024PL	5 gal (≈18.9 L) pail
350-X-00024DR	55 gal (≈208.2 L) drum

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

### Storage

Store in original packaging in a cool, dry place away from sunlight; keep tightly closed for a shelf life of 36 months, unopened.

#### † 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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With over 50 years of experience, ZERUST Integrity Solutions®, a division of Northern Technologies International Corporation (NTIC), creates unique inhibitor-based corrosion prevention solutions to serve terminals, pipelines, exploration and production, equipment suppliers, transportation sectors, and more.

ZERUST Integrity Solutions®, ZERUST®/EXCOR®, and Natur-Tec® are sister companies under NTIC.

