



## ▶ ZERUST® AxxaWash™ KF-121 Cleaner

ZERUST®/EXCOR® AxxaWash™ KF-121 is a low foam, alkaline, aqueous-based cleaner designed where low application temperature is desired.

ZERUST® AxxaWash™ KF-121 is designed to remove light to medium-duty hydrocarbon soils on ferrous substrates. AxxaWash™ KF-121 should be rinsed following application, with a suitable ZERUST® Axxatec™ rust inhibitor or Axxanol™ preventative applied after for maximum corrosion protection.

AxxaWash™ KF-121 is conveniently offered as a liquid concentrate and may be diluted per the application. Speak with your ZERUST®/EXCOR® sales representative to obtain your application-specific operator guide.

### ▶ Benefits

Contains no phosphates, alkylphenol ethoxylates, or boron salts

Low foam

Low operating temperatures 115 – 135°F (46 – 57.2°C)

Effective light to medium-duty hydrocarbon soil cleaner

Convenient concentrate

Hard water-compatible

### Application Example

ZERUST® AxxaWash™ KF-121 is used as a final wash spray to remove medium-duty hydrocarbon soils left on the parts caused by metalworking fluids.



### Application Methods

Ultrasonic

Immersion

Spray (low to ultra-high pressures)

Drum Washer

May be used with ZERUST® Axxatec™ rust inhibitor or Axxanol™ rust preventative products



## Product Information

<b>Description</b>	Low foam alkaline aqueous-based cleaner	
<b>Application</b>	Apply via ultrasonic, immersion, spray (low to ultra-high pressures), and drum washer	
	Operating temperature	115 – 135°F (46 – 57.2°C)
	Dilution Ratio	As required/See below
	Dwell time	1 – 10 minutes
	Removability	Purified water (RO/DI)
<b>Properties</b>	Appearance	Clear liquid; colorless to light amber
	pH of concentrate	13.6
	pH of 5% solution	12.2
	Freeze point	14°F (-10°C)
	Max VOC of concentrate	No volatile organic content
<b>Substrates</b>	For ferrous substrates only (Not compatible with aluminum, copper, bronze, and brass)	
<b>Storage</b>	Store in a cool, dry place and away from sunlight in original packaging. Storage temperature should be kept between 14 to 130°F (-10 – 54°C) for up to 2 years from the date of shipment. Do not allow the product to freeze. Reseal or close the container cap after each use. If the product is exposed below 14°F (-10°C) or above 130°F (54°C), increase/reduce temperature and mix before use.	

## Suggested Dosage Instructions

Applications	Dosage Percent by Volume
Typical cleaning application	3 – 5%
Lighter soil load application	1 – 2%
Heavier soil load application	6 – 10%

Note: Speak with your ZERUST®/EXCOR® sales representative to obtain your application-specific operator guide.

### 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.

### LIMITED WARRANTY

All statements, technical information and recommendations contained herein are based on validations and tests conducted by Northern Technologies International Corporation/ZERUST® or its partners and are believed to be reliable, but the accuracy or completeness thereof is not guaranteed. We warrant our products will be free from defects when shipped to customer. Our obligation under this warranty shall be limited to replacement of product that proves to be defective. To obtain replacement product under this warranty, the customer must notify Northern Technologies International Corporation/ZERUST® or its partners or agent of the claimed defect within 3 months after shipment of product to customer. Customer shall pay all freight charges for replacement products. We shall have no liability for any injury, loss or damage arising out of the use of or the inability to use the products. And any financial claims shall be limited to the value of the products sold.

Before using, user shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith. No representation or recommendation not contained herein shall have any force or effect unless in a written document signed by an officer of the company. The foregoing warranty is exclusive and in lieu of all other warranties, express, implied or statutory, including without limitation any implied warranty of merchantability or of fitness for a particular purpose. In no case shall Northern Technologies International Corporation/ZERUST® be liable for incidental or consequential damages. For full warranty and disclaimer information visit, [www.zerust.com/warranty](http://www.zerust.com/warranty).

©2013-2023 Northern Technologies International Corporation (NTIC). All Rights Reserved. NTIC is the owner of the following trademarks: ActivPak®, Cor Tab®, EXCOR®, Flange Saver®, ICT®, Natur-VC®, NTI®, Plastabs®, Z-CIS®, Zerion®, ZERUST®, 洁乐特, Z-PAK® and the Color "Yellow". ABRIGO®, UNICO®, and VALENO® are registered trademarks of EXCOR GmbH, a Joint Venture Partner of NTIC.

## Availability

ZERUST®/EXCOR® AxxaWash™ KF-121 is sold as a liquid concentration. Contact your ZERUST®/EXCOR® representative for ordering information.

Part Number	Quantity*
350-W-00004PL	5 Gal (19 L)
350-W-00004DR	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.

## Precautions

- Refer to Safety Data Sheet for appropriate PPE and handling precautions
- AxxaWash™ KF-121, Safety Data Sheet, is available upon request from: [sds@ntic.com](mailto:sds@ntic.com), or contact your ZERUST® representative
- Avoid strong oxidizers, strong acids, aluminum, and red/yellow metals
- Provide adequate ventilation to minimize vapor concentrations
- Avoid contact with skin and eyes
- Do not breathe mist, spray, vapors
- Wear personal protective equipment

A product of:  
Northern Technologies  
International Corp  
4201 Woodland Road  
Circle Pines, MN 55014  
USA

Phone. +1 763.225.6600  
Fax. +1 763.225.6645  
[sales@zerust.com](mailto:sales@zerust.com)  
[www.zerust.com](http://www.zerust.com)

