

## ZERUST AXXAWASH I\_MMW D

Zerust AXXAWASH I MMW is a neutralizing, aqueous, low alkaline, no foaming, Ferrous and Aluminum cleaner containing biodegradable surfactants and corrosion inhibitors made to be used in de-mineralized water only.

Zerust® AxxaWash™ I\_MMW D is a mildly alkaline, aqueous-based cleaning agent that can be used in immersion, ultrasonic, and low to ultra-high pressure (UHP) spray cleaning modes with only De-mineralized water. In addition to effective hydrocarbon soil removal, a solution of AxxaWash™ I\_MMW D deactivates common corrosion causing anionic contaminants such as chlorides and sulfates left by metalworking fluids. It provides short term corrosion prevention after wash. The product is conveniently offered as a liquid concentrate and may be diluted per the application.

Metals properly cleaned with a solution of AxxaWash™ I\_MMW D have enhanced corrosion protection from products such as Zerust Axxatec™ and Axxanol™ coatings and Zerust® VCI packaging materials. Thoroughly dry the cleaned metals before placing into packaging. Check with your Zerust®/Excor® representative for a corrosion inhibitor system best for your metal assets

### Application Example

Prevent rust on parts caused by contaminants left over from metalworking fluids by washing with a solution of AxxaWash™ I MMW D. Apply as a final rinse for metals that are streak free



### Benefits

Excellent de-watering properties for a wax

- Provides Neutralizing wash
- Excellent de-emulsibility
- Streak-free and low odor
- Deactivates common anionic contaminants
- Removes soluble and particulate metalworking soils
- Enhances the effectiveness of RP coatings and VCI
- Provides excellent gloss to components
- Secondary Amines, Nitrites, Phosphate free product.

### Complementary Products

- Zerust® VCI Packaging
- Axxanol™ Oil & Solvent based RPs
- AxxaClean™ Cleaners



Cleaned item is dried thoroughly and put into Zerust®/Excor® Preservation VCI Film

## Technical Data

<b>Product Information</b>	Metal workings wash and rinse fluid.	
<b>Application</b>	Apply via immersion, ultrasonic, spray, pressurized spray Application temperature 77 - 140°F (25 - 60°C)	
<b>Properties</b>	Appearance	Yellow clear liquid
	Density @ 29.5 °C	1.05 g/mL
	pH of concentrate	10.2
<b>Metals/Material Compatibility</b>	Mainly for use on ferrous-based alloys, stainless steel. Test prior to use on non-ferrous alloys. Applicable and compatible for Plastic Bin cleaning.	
<b>Storage</b>	Store in (34 to 122°F / 1 to 50°C), dry place and away from sunlight in original packaging for up to 2 years from the date of shipment	
<b>Disposal</b>	Dispose of in accordance with local, national and international regulations.	
<b>Dosage</b>	1-5% (Note: Dosage depends upon amount of oil and contaminations to be removed)	
<b>Rust protection</b>	Up to 60 hours in Climatic chamber as per IEC 68-2-30 on 1010 steel panels at 3% concentration in DM water	

## Precautions

- If product becomes frozen in storage or shipping, allow to thaw and mix well.  
Reconstituted product should appear clear and amber yellow. If it is cloudy or has solids, contact your Zerust/ Excor representative

**Disclaimer:** We cannot anticipate or control the many conditions under which the information and the product may be used. Hence, we make no warranty, express or implied, as to the effects of use (including but not limited to damage or injury) or the results to be obtained, whether or not used in accordance with the directions. The information furnished is believed to be accurate to the best of our knowledge. Harita-NTI is not liable for any loss, damage, and incidental or consequential. Buyer assumes all responsibility in use, storage and handling of this product.

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