

Zerust® ICT® 620-RR

CLEAN TECHNOLOGY THAT REMOVES SEVERE RUST

PRODUCT INFORMATION

FEATURES

- Works quickly
- Non-abrasive
- Non-toxic, odorless & non-irritating
- Biodegradable
- Ph Neutral

BENEFITS

- Recover & restore rusty parts
- Reduce need for rework
- Save money & resources

Zerust® ICT®620-RR is a highly effective and safe rust remover that completely recovers rusty parts. With Zerust ICT620-RR, parts can be completely restored to rust-free condition, replacing labor-intensive, abrasive cleaning that damages surfaces and fails to remove rust from small gear teeth and other difficult-to-reach areas.

Zerust ICT620-RR works by breaking the iron oxide bond. The active ingredient reacts *only* with iron oxide and therefore, does not harm any other metals and non-metals. Simply soak rusty parts in ICT620-RR and rinse with de-ionized water. Soak time depends on the degree of rust and varies from a few minutes to a full day.

Note: Since free carbon may be left behind when rust is removed from steel, parts soaked longer than 24 hours may experience appearance changes when carbon is left around grain boundaries and oxide inclusions (sometimes called "carbon etching").

APPLICATION EXAMPLES

RECOVER RUSTED PARTS, SUCH AS OVERSEAS SHIPMENTS THAT WERE NOT PROTECTED WITH ZERUST PACKAGING.

REMOVE "FLASH RUST" THAT FORMS ON IN-PROCESS PARTS BEFORE THE NEXT PRODUCTION STEP, SUCH AS BEFORE PAINTING BUT IMMEDIATELY AFTER ABRASION CLEANING.



Zerust® ICT®620-RR rust remover is compatible with all Zerust® corrosion inhibiting film & packaging products.

APPLICATION TYPE



RUST REMOVAL CAPABILITY

ORDERING INFORMATION

■ AVAILABILITY/PART NUMBER

1 Gallon Jug: 350-M-00002GL
 5 Gallon Pail: 350-M-00002PL
 55 Gallon Drum: 350-M-00002DR
 Zerust ICT620-RR is ready to use.

■ RUST REMOVAL

1 gallon of ICT620-RR removes:
 ■ ~1/2 pound of rusted steel, or
 ■ 20 sq. ft. of moderately rusted steel (or 300 lbs.).

■ SHELF LIFE & HANDLING

Shelf life of 3 years if stored out of direct sunlight. ICT620-RR may freeze as it contains a large percentage of water, but will remain fully functional when thawed to ambient temperature.

■ DISPOSAL

Separate residue from the spent ICT®620-RR solution and properly dispose of according to federal, state and local regulations. Always consult federal, state and local regulations.

QUESTIONS?

Please contact a Zerust® Technical Service Representative at +1 (763) 225-6600 or sales@zerust.com.

Zerust® EXCOR®

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ZERUST® ICT®620-RR PRODUCT INFORMATION

ZERUST RUST REMOVER COMPARISON:

Attributes	ICT620-RR	Axxaclean™ 2048	Axxaclean 3048
Corrosion Removal Power	Light to medium rust even in cracks and crevices	Medium corrosion even in cracks and crevices	Heavy corrosion even in cracks and crevices
Speed	Slow	Moderate	Rapid
Metals Treated	Ferrous	Ferrous, brass, copper	Ferrous, brass, copper
Application Methods	Immersion	Immersion, dip, spray	Immersion, dip
pH Level	Neutral pH of about 7	Mild acidic pH of about 2	Stronger acidic pH between 0.5-1.5
Temperature For Use	70°F (21°C) or above	70°F (21°C) or above	40°F (4°C) or above
Compatibility (<24 hour soak)	Safe for metals*, paint, gaskets, rubber, plastics	Safe for metals*, paint, gaskets, rubber, plastics	May attack soft metals*, some paints and coatings
Post-Cleaning Action	Do not let product dry on surface. Water rinse, dry and wipe any carbon residue.	Do not let product dry on surface. Recommended DI or RO water rinse. Wipe off and dry well.	Do not let product dry on surface. Recommended DI or RO water rinse. Wipe off and dry well.
Corrosion Protection	Additional corrosion protection needed	Provides flash-corrosion protection in controlled environments	Provides flash-corrosion protection in controlled environments
Environmental Disposal	Non-hazardous. Pure product is neutral. Check local, national and international regulations.	Check for options for neutralizing. Check local, national and international regulations.	Do not dispose into waterways. Check local, national and international regulations.
Personal Protection	Optional gloves and eye protection	Gloves and eye protection	Ventilation, gloves, face shield and apron

*Test before use on zinc and cadmium. Check with your Zerust technical representative for details.

OTHER PRODUCTS AVAILABLE

ICT®500 Series: Packaging Films

Our most widely used series of products. A variety of films offer short or long-term corrosion protection for parts and equipment during storage or shipment.

ICT®800 Series: Diffusers

Self-contained, portable products that diffuse Zerust® ICT® corrosion inhibiting chemicals to protect metals within enclosures, such as tool boxes, electrical boxes, etc.

Warranty and Disclaimer Information:

We guarantee our products conform to documented quality specifications. Product information subject to change without notice. We make no warranty of any kind expressed or implied. See www.zerust.com/warranty.

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